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GROUND WINDS AND WINDS ALOFT FOR EDWARDS AFB, CALIFORNIA

By D. L. Johnson and S. C. Brown
Space Sciences Laboratory

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16. ABSTRACT

This report presents ground-level runway wind statistics for the Edwards AFB, California area. Crosswind, tailwind, and headwind reversal percentage frequencies are given with respect to month and hour for the two major Edwards AFB runways. Also presented are Edwards AFB bivariate normal wind statistics for a 90 degree flight azimuth for altitudes 0 through 27 km. Wind probability distributions, synthetic vector wind profiles, and statistics for any rotation of axes can be computed from the five given parameters: $\bar{u}$, $\bar{v}$, S(u), S(v), and R(uv).

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TECHNICAL MEMORANDUM 78136

GROUND WINDS AND WINDS ALOFT FOR EDWARDS AFB, CALIFORNIA

I. INTRODUCTION

This two-part report deals with wind conditions over Edwards AFB, California, including the NASA Dryden Flight Research Center. Since the first four orbital flight tests of the Space Shuttle mission schedule Orbiter landings at Edwards AFB, these wind statistics may prove useful in mission planning activities. The first part of this report presents low-level crosswind, tailwind, and headwind reversal statistics by hour and month for two different Edwards AFB runway orientations. The second part gives bivariate normal wind statistics for altitudes 0 through 27 km by monthly reference periods.

II. ARRANGEMENT OF TABLES

Tables are numbered and arranged by monthly reference period, with subnumbers used to identify the crosswind, tailwind, or reversal statistics within each month as follows:

Section III

Crosswind: Tables 1.1 through 13.1

Tailwind: Tables 1.2 through 13.2

Crosswind versus Tailwind: Tables 1.3 through 13.3

Headwind Reversals: Tables 1.4 through 13.4

Section IV

Bivariate Normal Wind Statistics: Tables 1.5 through 12.5

III. RUNWAY CROSSWINDS, TAILWINDS, AND HEADWIND REVERSALS

A. Background

A study similar to the one presented here was done for the NASA/Kennedy Space Center (KSC), Florida, area in October 1972 [1]. The KSC study used hourly peak ground wind data to determine optimum runway orientation by minimizing critical high crosswind component frequencies. The proposed runway orientation was then used in conjunction with the hourly peak wind data to determine frequencies of headwind-to-tailwind reversals that resulted in specified tailwind speeds. The present Edwards AFB wind study expands on the two types of information determined previously for KSC and adds a section on tailwinds alone.

B. Runway Orientation

The two main Edwards AFB runways of interest for NASA Shuttle Orbiter landings are runways 17-35 (170-350 degrees) and 22-4 (220-40 degrees). Figure 1 is an artist's conception of the Space Shuttle Orbiter making its final approach (toward the south) onto Edwards AFB runway 17 after completing a space mission. An F-104 jet aircraft is also shown escorting the Orbiter. Figure 2 indicates the general layout of the two main runways. The runways are designated 17-35 and 22-4 because of their angle of separation in degrees clockwise from magnetic north, and they indicate a pilot's approach toward that direction. That is, a pilot desiring to land toward the south on 17-35 would enter from the north end (17), thereby allowing him to land toward 170 degrees. These two runway orientations with respect to true north are approximately 190-10 (for 170-350 magnetic) and 239-59 (for 220-40 magnetic). All magnetic runway wind statistics given in this report were computed with respect to true north.

The two runways are oriented so that a vehicle landing from the northeast toward the southwest will probably be landing into a headwind. Figure 3 [2] gives the prevailing surface wind direction versus hour and month. The respective percentages of the prevailing direction are given within each box. Southwesterly winds tend to prevail from late evening hours until midday and give way to west-southwesterly flow during the afternoon until late evening hours. Some westerly flow prevails, except near midday, during the winter months. Mean surface wind speeds (in knots) versus hour and month are given in Figure 4 [2]. It can

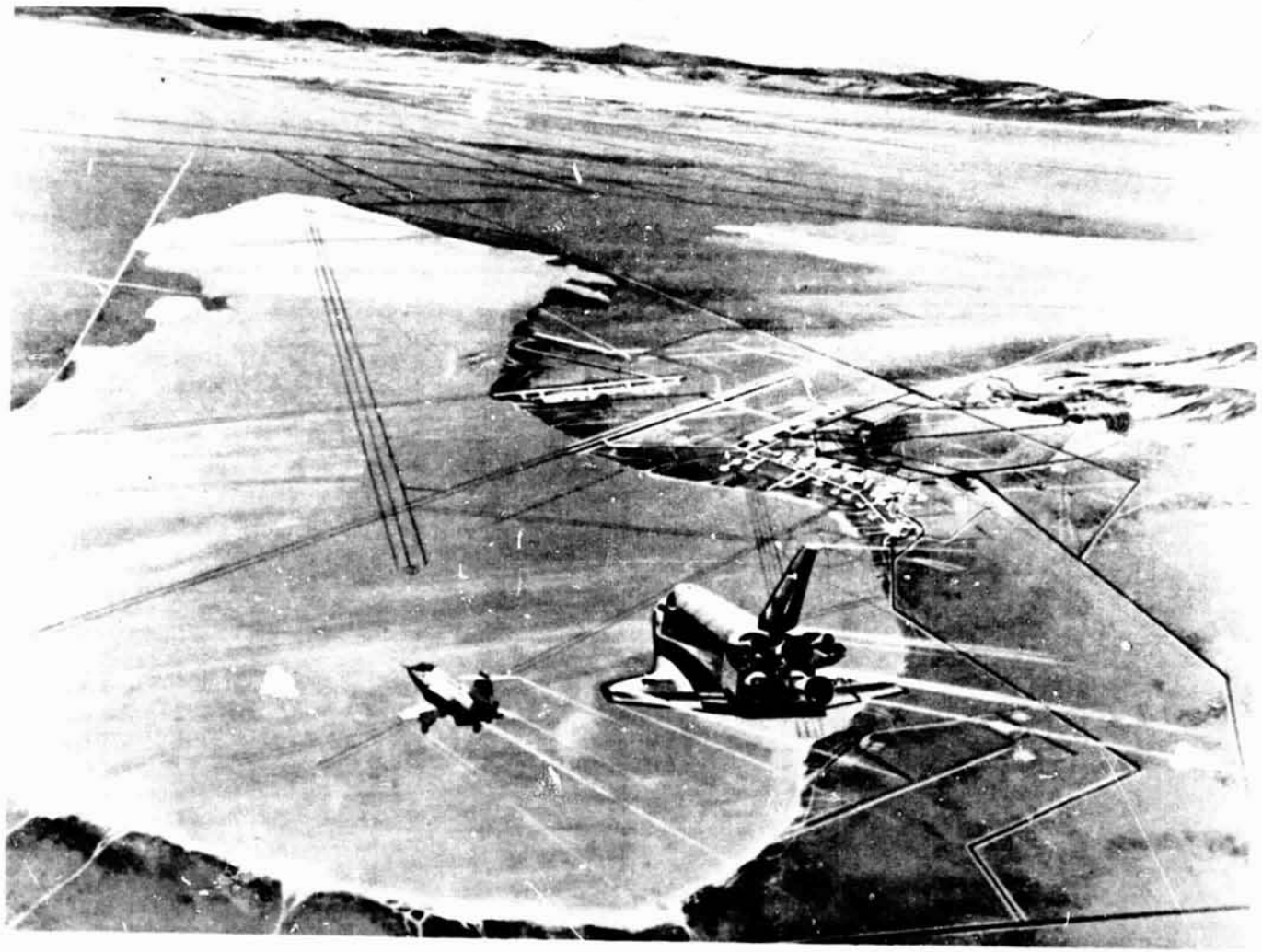

Figure 1. Space Shuttle Orbiter landing on runway 17 at Edwards AFB, California.

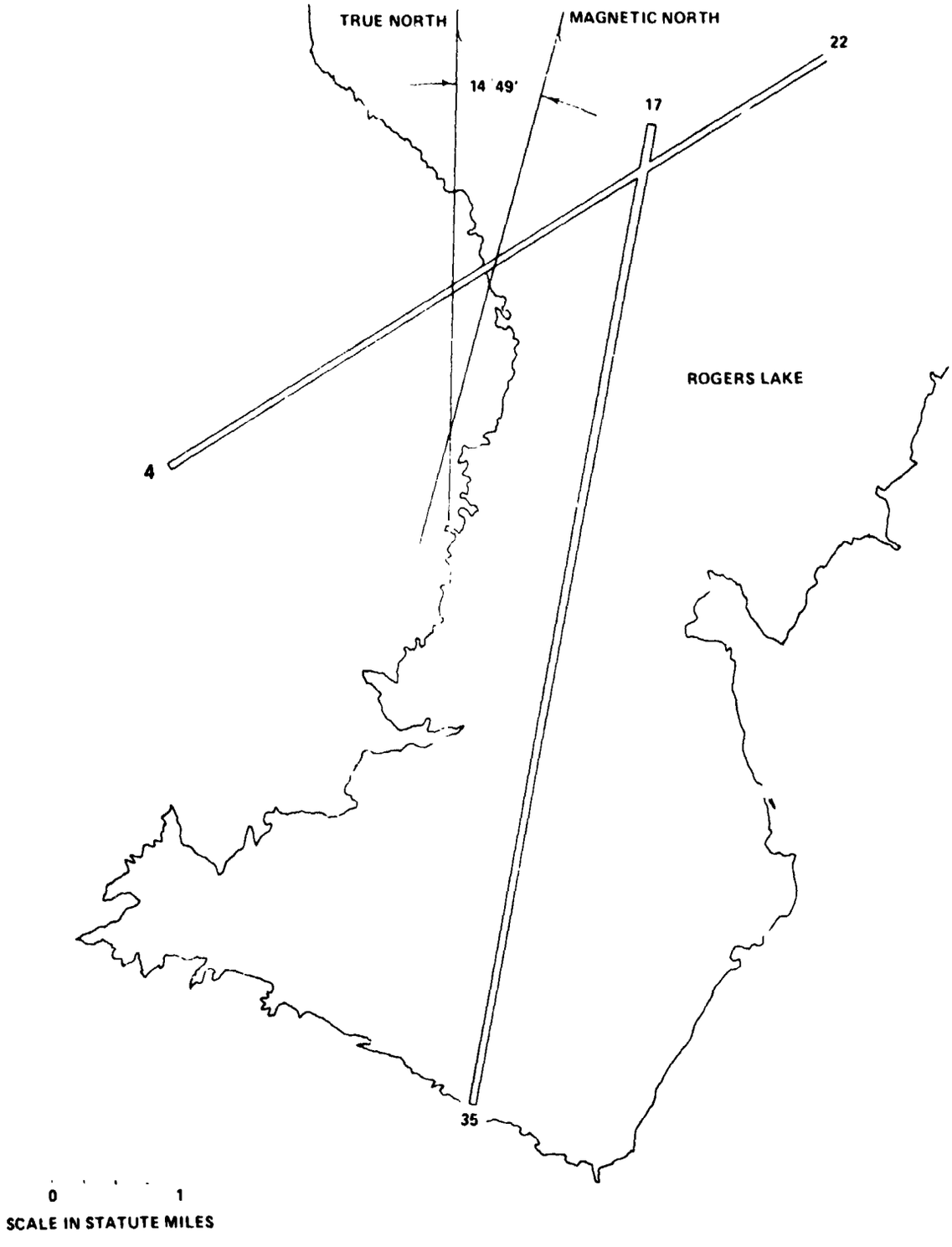

Figure 2. Edwards AFB runways.

EDWARD AFB DEC. 41 – JULY 72 P.O.R.
3 h INTERVALS (LST)

MONTH	0–2	3–5	6–8	9–11	12–14	15–17	18–20	21–23
JAN	13.8	11.8	10.1	10.1	9.0	8.8	12.6	14.2
FEB	18.6	13.3	11.5	10.4	9.9	10.9 **	14.4	18.3
MAR	21.8	17.3	15.6	13.3	12.2	18.1	21.7	21.4
APR	29.4	25.1	22.2	15.9	15.5	18.1 **	24.4	28.2
MAY	38.8	33.9	31.4	19.0	20.7	26.7	31.5	34.0
JUN	40.9	39.7	34.7	21.5	22.2	30.0	33.2	38.4
JUL	46.5	39.4	38.7	22.2	23.5	35.4	41.0	38.8
AUG	44.4	34.6	33.0	22.3	22.4	34.4	40.4	37.3
SEP	29.5	22.4	18.8	14.9	15.7	23.9	28.7	29.5
OCT	21.1	15.6	14.4	11.8	10.1	13.9	18.9	24.1
NOV	15.5	12.6	11.4	10.0	10.0 *	10.0	13.4	18.1
DEC	18.8	12.5	9.6	9.7	7.9 *	9.7	12.2	13.2

SW WSW W

* NE
** WNW

Figure 3. Edwards AFB percentage of prevailing wind direction.

be noticed that wind magnitudes generally pick up during the afternoon hours [1500-1700 local standard time (LST)], with larger magnitudes observed during the summer months.

C. Data Used

The ground wind speed and direction data used in this study were taken from two magnetic tapes containing the Edwards AFB WBAN hourly surface observations (deck No. 144) [3]. The period of record extended from 1949 to

EDWARDS AFB P.O.R. DEC. 41 – JULY 72
3 h INTERVALS (LST)

MONTH	0–2	3–5	6–8	9–11	12–14	15–17	18–20	21–33
JAN	4.7	4.3	4.0	5.0	7.0	7.3	5.9	5.4
FEB	5.4	4.7	4.5	6.2	8.3	9.2	7.5	6.4
MAR	7.8	6.5	6.4	8.5	10.8	12.2	10.4	8.7
APR	8.4	7.1	7.2	8.5	11.3	13.7	12.2	9.7
MAY	9.5	7.9	8.5	9.1	11.9	15.5	14.0	10.7
JUN	9.6	8.4	8.7	8.6	11.4	15.6	14.5	10.6
JUL	8.3	6.8	6.7	6.5	9.3	15.1	14.0	9.5
AUG	7.7	6.1	5.5	5.8	8.5	14.0	12.9	8.9
SEP	6.0	4.5	4.0	5.2	8.1	11.1	9.6	7.0
OCT	5.3	4.3	4.1	5.1	7.6	9.0	7.5	6.4
NOV	4.9	4.3	3.9	5.1	7.1	7.5	6.0	5.5
DEC	4.6	4.3	4.0	4.8	6.5	6.6	5.4	5.1

Figure 4. Edwards AFB mean surface wind speed (knots).

1970. The combined tapes give a total of 192,782 hourly observations for Edwards AFB. All calms were included in the data sample. During the period of record the anemometer location was changed several times. However, most of the observations were made approximately 4 m (13 ft) above natural grade.

The data used in this study were obtained from averaged[1] observations taken on the hour. The method of using average wind conditions differs from the peak wind method used in the earlier KSC study [1]. In Space Shuttle vehicle

1. Standard WBAN practice, generally a 1 min average about the hour.

ground wind related analyses, peak wind speeds (or gusts) are generally more useful in design, mission planning, and operational activities. However, since no peak wind climatic data were available for the Edwards AFB area, the hourly observations described previously were used to make the required computations. The steady-state wind speed statistics given in this report can be adjusted to approximate peak wind speed statistics by multiplying the steady-state winds by 1.4. Graves [4] describes a method that enables one to estimate peak winds from hourly observations. The reader should consult Reference 4 for further discussion of these types of estimation methods.

D. Computational Methods/Equations

1. Crosswind Procedure. This section includes a discussion of the computational methods used in obtaining the percentage frequency of occurrence within critical crosswind intervals, i.e., 1-4, 5-9, 10-14, 15-19, 20-24, and 25-up knots. The crosswind equation used for each runway is:

$$\text{Crosswind} = (\sin \mid WD-RA \mid \times WS) \tag{1}$$

where

RA = runway angle measured from true north

WD = wind direction in degrees clockwise from true north

WS = wind speed in knots.

The runway crosswind component for each observation was computed and then checked against the several critical crosswind intervals, and a tally was entered into the appropriate matrix position. Every wind observation (192,782 total observations) was handled in this manner.

The percentage frequency of occurrence of crosswind components within these critical intervals was next calculated for each matrix position by dividing the total number in that position by the total number of observations and multiplying by 100; i.e.,

$$\text{Percent frequency} = (S/T) \times 100 \tag{2}$$

where S is the number of cases within the critical crosswind interval and T is the total number of wind observations for that time interval. These runway crosswind percentage frequencies are given by month in Tables 1.1 through 13.1 for each 3 h period of the day. Finally, statistical tables involving the concurrent use of both runways were developed. These may give more meaningful information if a landing can be made on either of the two runways. For example, if a particular wind observation resulted in a 20 knot crosswind component on runway 17 but only 13 knots on runway 24, the more favorable (or minimum) crosswind component of 13 knots was used to develop these statistics.

2. Tailwind Procedure. In addition to critical crosswinds adversely affecting the landing of space vehicles and aircraft, headwind reversals (i.e., a headwind changing to a tailwind) also can present problems. Given in this section are percent frequency of occurrence tables that pertain to critical tailwind and tailwind/crosswind speeds. The crosswind computations discussed in the last section of this report do not require a specification of the landing direction since a wind component is calculated normal to the runway. This means that a critical crosswind that affects the vehicle from either the left or right side is tallied. However, in analyzing headwinds and tailwinds, the direction of the component parallel to the runway is important. If, for example, it were necessary to land on either runway 17 or 22 (from northeast), a wind component from the northeast (a tailwind) would be unfavorable. In the computations performed here, parallel runway winds were computed using the following formula:

$$\text{Parallel wind} = \{\cos \mid WD-RA \mid \times WS\} \tag{3}$$

where

RA = runway angle measured from true north

WD = wind direction in degrees clockwise from true north

WS = wind speed in knots.

When computing a parallel runway wind, sign is important. If equation (3) gives a positive velocity (+), it defines a tailwind. Conversely, a negative velocity (-) defines a headwind. Critical tailwind interval limits of 1-4, 5-9, and 10-up knots were used by hour and month in computing the runway tailwind probabilities as given in Tables 1.2 through 13.2. Finally, crosswind-versus-tailwind percentages are given in Tables 1.3 through 13.3 by month and hour for each runway.

3. Headwind Reversal Procedure. In this analysis of runway headwind components an attempt has been made to answer some basic questions concerning 1 h wind reversal frequencies. For example, (1) What is the probability that the wind component parallel to the runway will reverse direction? (2) Do reversals from northeast to southwest components occur as frequently as southwest to northeast changes? (3) Suppose the wind direction at some specified time is known; what then is the conditional probability of a reversal?

a. Frequency of Wind Reversals. To calculate this value it is only necessary to count those cases when the parallel wind component switches from one hour to the next; i.e., if the component goes from (+) to (-) or from (-) to (+), this indicates a switch and is tallied. Dividing this tally by the entire hourly data sample gives a percent frequency (occurrence rate) of the wind reversing on the runway over that time interval. This procedure is expressed in equation (4) as follows:

$$X(I,J) = \frac{100Y(I,J)}{Z(I,J)} \tag{4}$$

where

$X(I,J)$ = percent frequency of parallel component wind reversal for month I and time period J

$Y(I,J)$ = number of occurrences of parallel wind reversals during month I and time period J

$Z(I,J)$ = total observations during month I and time period J .

The reversal tallies were entered on the resulting hour; i.e., a reversal wind between 0700 and 0800 LST is entered at 0800 LST (the resulting time). However, since hours are combined into time intervals, this was entered as a tally within the 06-08 3 h time interval. These values are listed in column 1 (TOTAL) of Tables 1.4 through 13.4A.

b. SW to NE and NE to SW Reversals. How often does a southwest wind component reverse to a northeast wind component from 1 h to the next? To compute these reversals, the number of southwest to northeast component changes are tallied and then divided by the total number of observations for that time period. These values appear in column 2 (HEAD-TAIL) of Tables 1.4 through 13.4A for runways 17 and 22 but in column 3 (TAIL-HEAD) for runways 35 and 4. Wind component changes from northeast to southwest are calculated in the same way.

c. Conditional Wind Reversals. Given a southwest parallel component wind initially, how often does this southwest wind change into a northeast wind component by the next hour? This third question deals with the conditional statement that given a southwest wind, what is the probability of its changing into a northeast wind; i.e., P(NE|SW). In this third question we must look at only the hourly southwest components in the data sample and then tally the southwest to northeast wind changes over an hour. This tally must be divided by the number of southwest wind components in the sample, not by the total data sample, because prior knowledge of the wind direction is assumed (i.e., southwest winds are set as given initially). See columns 4 and 5 of Tables 1.4 through 13.4A. Likewise, column 5 presents the conditional percentage frequency of a northeast to southwest reversal by using the same method.

In this section the following conditional probability equation was used:[2]

$$P(X|Z)_{ij} = \frac{100\,Y(I,J)}{Z(I,J)} \qquad (5)$$

where

$P(X|Z)_{ij}$ = conditional probability of the occurrence of a tailwind (X) given a headwind (Z) initially during month I and time J

$Y(I,J)$ = the number of headwind-to-tailwind changes during month I and time period J

$Z(I,J)$ = the total number of headwinds in the month I/time J data sample.

Tables 1.4B through 13.4B also give headwind reversal statistics, but here the statistics are broken out into specified resultant tailwind magnitude categories (i.e., resultant tailwinds of >0-3, 4, 8, >8 knots).

Throughout this headwind reversal section both calm conditions and direct crosswinds were considered as favorable landing conditions.

2. The terminology given here is reversed when considering the probability of a headwind given a tailwind.

E. Explanation of Tables

Tables 1.1 through 13.1, 1.2 through 13.2, and 1.3 through 13.3 of this report are presented as percentages of crosswinds or tailwinds within selected wind speed intervals only. Since probability questions of the type "greater than or equal to a certain value" are usually asked (indicating an accumulated effect), one must add together rows of percentages and, at times, columns as well. Tables 1.4A through 13.4A give the percent of wind reversals for "all" resultant tailwind (or headwind) magnitudes, whereas Tables 1.4B through 13.4B break out the reversal statistics into specified tailwind categories.

The critical crosswind or tailwind speed interval headings, 1 to 4, 5 to 9, etc., are to be interpreted as 1 through 4 knots, 5 through 9 knots, etc. Also, zero crosswinds are classified as all winds that are (1) calm, (2) < 1 knot, and (3) parallel to the runway. Zero tailwinds have not been tabulated, but all tailwinds > 0 knots and < 1 knot were placed within the 1-4 knot classification interval during data analysis. The time intervals given (i.e., 00-02, etc.) indicate eight 3 h intervals, and they are expressed in LST.

1. Crosswind Example. Tables 1.1 through 13.1 give percentages of critical crosswind occurrences within critical crosswind speed intervals versus hour of day for each runway and month. Since runway end number does not matter when computing crosswinds, the runway is listed either as 17-35 or 22-4 on these tables. Examples follow concerning the use of Tables 1.1 through 13.1 in which crosswind occurrence percentages can be easily calculated by summing up percentages in the appropriate row. For runway 17-35 between hours 00-02 for the April reference period, Table 4.1A gives a 45.26 percent chance of encountering a crosswind ≥ 5 knots. One must add 31.72 + 9.60 + 3.79 + 0.10 + 0.05 = 45.26. This also means that 54.75 percent (i.e., 39.14 + 15.61 = 54.75) of the crosswinds are < 5 knots. Similarly, crosswind percentages ≥ 20 knots can be computed for all hours on runway 17-35 by adding, on the 00-23 line (under HRS), 1.40 + 0.23 to arrive at a percentage of 1.63. In this same category, zero crosswinds (calm conditions, crosswinds < 1 knot, or winds parallel to the runway) occur 18.01 percent of the time.

Table 4.1B gives similar formatted results for runway 22-4. That is, one can expect a 32.17 percent occurrence rate of April crosswinds ≥ 5 knots between hours 00-02. Runway 22-4 experiences lower crosswind percentages for these given criteria of speed, hour, and month.

Table 4.1C again gives similar results, but here runways 17-35 and 22-4 were checked simultaneously when making tallies of crosswinds. The tables

were compiled from the lesser of the two crosswind components. These values apply when the aircraft has the capability to land on either of the two runways and can, therefore, choose the one with the least critical conditions existing at the time of landing. The percentage of critical crosswinds ≥ 5 knots during April, between 00-02 hours, for both runways is 24.80 (i.e., 18.74 + 5.25 + 0.76 + 0.05 = 24.80). As expected, the percentage is much lower here than that for either runway 17-35 (45.26 percent in Table 4.1A) or runway 22-4 (32.47 percent in Table 4.1B) computed individually.

2. Tailwind Example. Tables 1.2 through 13.2 give percentage frequencies of tailwind components within critical tailwind speed intervals versus hour of day for each runway heading and month. Since landing direction does play a part in the computation of tailwinds (or headwinds), the runways are listed as 17, 35, 22, and 4, indicating the approach direction (i.e., 17 is landing into 170 degrees from the northeast end of the runway). Some examples follow that indicate the use of Tables 1.2 through 13.2. Again, the format of the tables is similar to that of Tables 1.1 through 13.1, and the tailwind statistics presented are not accumulated. The April tailwind percentage ≥ 5 knots between 00-02 hours LST for runway 17 as presented on the left side of Table 4.2A is 19.65 (16.01 + 3.64 = 19.65). The companion table of 4.2A indicates a tailwind percentage of 24.50 for runway 35 for the same specified conditions. The 24.5 percent on runway 35 can also be interpreted as the percentage of headwinds on runway 17. A tailwind on one runway heading (35) is a headwind on the other end of the runway (17). Combined percentiles for all hours can be obtained from the 00-23 row.

Tables 1.3 through 13.3 give percentages for the joint occurrence of winds within selected crosswind versus tailwind speed intervals. These monthly tables are presented for each end of the runway and are displayed by hour of day (LST). Tables 1.3 through 13.3 offer the advantage of obtaining percentages by choosing the critical crosswind and tailwind limits concurrently, not separately. That is, suppose both crosswinds and tailwinds ≥ 5 knots are critical to a landing operation for 00 hours during April on runway 17, one would find the intersection number that pertains to the intervals of crosswind 5-9 and tailwind 5-9. In this case, the number in Table 4.3 is 4.09 percent. This is not the percentage number needed since these table percentages, again, are not accumulated. Therefore, one must sum all the tailwind rows ≥ 5 knots that encompass all crosswind values ≥ 5 knots. This will satisfy the required condition. Figure 5 illustrates the Table 4.3 example in more detail in that the percentage numbers to be added are enclosed by dashed lines. The total required sum of these ten numbers is 6.67, which is the required percentage.

Since Tables 1.3 through 13.3 are the most involved of the tables presented thus far, a few notes of caution are issued that one should remember while using them. The total row and column offer a sum of all rows or columns, respectively. The total column (of Tables 1.3 through 13.3) has also added into it all the zero crosswind percentages. The percentage numbers enclosed by sta. s in Figure 5 show the percent frequency of tailwinds without regard to crosswind components. An example of using the total row follows. If one needs the percentage of all crosswinds ≥ 5 knots on runway 17 at 00 hours in April which encompasses all tailwind categories, he can sum the numbers 9.09, 2.88, 1.06, 0.00, and 0.00 to arrive at 13.03 percent. Why is this value so much less than the 45.26 00-02 hour percentage of crosswinds ≥ 5 knots on runway 17-35 from Table 4.1A? The answer is that the 13.03 percent corresponds to crosswinds ≥ 5 knots with regard to all tailwind categories. Tables 1.1 through 13.1 give crosswinds ≥ 5 knots with regard to all parallel winds (tail and head combined). To obtain comparable numbers, one must calculate from Table 4.3 the crosswind percentage ≥ 5 knots (36.67 percent) with regard to all tailwinds on runway heading 35 (a headwind on runway 17) and add the two percentages (13.03 + 36.67) to arrive at 49.70 percent, which corresponds closely to Table 4.1 values. The numbers will not be exact because Tables 1.1 through 13.1 and 1.2 through 13.2 give statistics in 3 h groups, while Tables 1.3 through 13.3 are by each individual hour. Both tailwinds and headwinds from Tables 1.3 through 13.3 may have to be used depending upon the application.

Runway 17, Hour 0, Edwards AFB, April

Tailwind Limits	Crosswind Limits 1-4	5-9	10-14	15-19	20-24	25-Up	Zero Cross	Total
1-4	8.33	4.24	1.82	0.30	0.00	0.00	4.85	19.55
5-9	10.61	4.09	0.61	0.61	0.00	0.00	1.97	17.88
10-Up	1.52	0.76	0.45	0.15	0.00	0.00	0.00	2.88
Total	20.45	9.09	2.88	1.06	0.00	0.00	6.82	40.30

[1]Total percentages within dashed (- -) area = 6.67%.

Figure 5. Edwards AFB crosswind/tailwind speed interval percentages.

3. Headwind Reversal Example. Tables 1.4A through 13.4A give the percentage of parallel runway wind reversals that answer the three questions posed earlier in this report concerning different runway wind reversal classifications. These tables present the probabilities for each runway end by month and 3 h time period. Column 1 answers question 1 and gives the total reversals for all observations (within time and month category). Columns 2 and 3 answer question 2 by giving the percent frequency of headwind-to-tailwind and tailwind-to-headwind reversals, respectively, for all observations. Question 3 on conditional probability is answered in columns 4 and 5. It should be pointed out that the statistics presented in Tables 1.4A through 13.4A deal with the probability of reversals without regard to the resulting parallel-wind magnitude classification, as presented in Reference 1. This means, for example, that the columns regarding headwind-to-tailwind reversals (columns 2 and 4) were computed for all resultant tailwind components. On the "A" tables, all magnitudes of the resultant tailwinds were combined before the statistics were computed. However, Tables 1.4B through 13.4B present these same reversal statistics with respect to different categories of the resultant tailwind magnitudes.

These statistics should prove valuable to both the mission planner and the operational control authority because they are based upon a prior knowledge of the wind-type information that will be available during the mission. For example, consider a landing planned for 1000 LST in April on runway 17 Assume that the wind observed at 0900 LST is known to have a headwind component along that runway. Table 4.4A, column 4, indicates that 14.33 percent of those wind observations changed to such an extent that at the following hour (1000 LST) there was a tailwind component on runway 17. This percentage can also be obtained from the appropriate total column of Table 4.4B. Restated in terms of risk: with a known headwind component at 0900 LST, the risk of change to a tailwind component at 1000 LST is approximately 14 percent. Of course, this risk statement does not consider the forecast capability that would be utilized in the real-time operation.

If the investigator were interested in the percent of headwind reversals of all reversals which resulted in a tailwind of ≥ 4 knots, this can be obtained from Table 4.4B by adding 4.21 and 1.69 to arrive at 5.90 percent.

IV. NORMAL PROBABILITIES FOR EDWARDS AFB WIND COMPONENTS – ALTITUDE 0 THROUGH 27 km

This section presents bivariate normal wind statistics for Edwards AFB for altitudes 0 through 27 km. The bivariate normal statistics for all months for the 90 degree flight azimuth are given in Tables 1.5 through 12.5. The standard

meteorological notation for this flight azimuth defines u as the zonal wind component and v as the meridional wind component. The sample estimates of the theoretical mean u are $\bar{u}$ and $\bar{v}$. The sample estimates of the theoretical standard deviation σ are S(u) and S(v). R(uv) is the sample estimate of the theoretical correlation coefficient between u and v. S(uv) is the covariance of u and v, and N is the sample size. The five statistics $\bar{u}$, $\bar{v}$, S(u), S(v), and R(uv) completely define a bivariate normal elliptical distribution. From these five parameters the probability distributions and synthetic vector wind profile described by Smith [5] and the statistics for any rotation of axes by Falls [6] can be computed.

Since Edwards AFB was not part of the Upper Air Network, winds-aloft observations in support of test activities were made at irregular intervals rather than at regular synoptic times. Because of the time and altitude variation between observations it was not feasible to make then serially complete. As a result, the number of observations decreases rapidly as altitude increases. If wind statistics for altitudes above 27 km are needed, it is recommended that those applicable to Vandenberg AFB, as given in Reference 7, be used. For the reader's interest, Cape Kennedy normal probabilities for wind components have also been computed [8].

V. CONCLUSION

In summary, this report provides two different types of wind statistics applicable to the Edwards AFB area.

First, ground-level wind statistics are given computed with regard to the two Edwards AFB runway orientations. Crosswinds, tailwinds, and headwind reversals are the parameters computed by critical class intervals for hour, month, and runway. If cumulative percentage results are needed, one must follow the procedures given in this report and accumulate the appropriate percentages. Also, since a peak wind sample was not available for this study, the standard type of on-the-hour averaged observations were used. It has been determined that a multiplication factor of 1.4 can be used directly on these wind speed statistics to approximate peak wind statistics. Peak winds are generally more useful in design and operations.

Second, winds-aloft information is presented from 0 through 27 km altitude. Bivariate normal wind statistics involving wind probability distributions, synthetic vector wind profiles, and statistics for any rotation of axes can

be computed from the five given statistical parameters, $\bar{u}$, $\bar{v}$, $S(u)$, $S(v)$, and $R(u, v)$ for a 90 degree flight azimuth.

Further climatological information involving the Edwards AFB area can be obtained from References 9 through 11.

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JANUARY

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TABLE 1.1. HOURLY EDWARDS AFB CROSSWING PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF JAN.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	PERCENTAGES								
00-02	40.67	10.32	5.36	1.22	.24	.00	38.27	2096	
03-05	36.31	14.22	5.52	1.22	.20	.00	42.52	2096	
06-08	32.35	13.29	4.59	1.22	.20	.15	48.00	2096	
09-11	26.81	14.57	7.77	3.57	.29	.05	47.95	2096	1.1A
12-14	24.93	16.96	12.96	6.21	1.12	.05	38.27	2096	
15-17	25.61	21.41	14.56	6.26	.80	.05	33.29	2096	
18-20	35.68	22.09	8.65	2.15	.29	.10	31.09	2096	
21-23	41.99	17.60	6.26	1.76	.10	.05	32.36	2096	
00-23	32.92	17.05	7.90	2.96	.42	.05	38.71	16368	

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	PERCENTAGES								
00-02	40.76	13.95	2.00	.64	.00	.00	45.65	2096	
03-05	36.90	9.56	2.30	.68	.10	.00	50.49	2096	
06-08	35.09	8.90	2.34	.73	.05	.00	52.69	2096	
09-11	33.45	11.14	2.96	1.56	.24	.00	50.64	2096	1.1B
12-14	34.75	12.71	5.23	3.32	.76	.05	43.16	2096	
15-17	37.05	14.81	5.87	3.32	.95	.05	38.03	2096	
18-20	41.79	13.68	3.52	1.27	.15	.00	39.39	2096	
21-23	46.95	11.39	2.25	.64	.05	.00	39.30	2096	
00-23	38.26	11.66	3.34	1.52	.27	.01	44.91	16368	

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	PERCENTAGES								
00-02	38.81	8.16	1.81	.34	.00	.00	50.88	2096	
03-05	34.12	7.58	1.66	.47	.05	.00	56.11	2096	
06-08	31.26	8.74	1.91	.49	.05	.00	59.53	2096	1.1C
09-11	26.79	9.66	3.08	.98	.00	.00	57.48	2096	
12-14	32.11	14.76	4.79	2.00	.29	.00	46.04	2096	
15-17	34.70	14.03	5.33	1.76	.24	.00	43.94	2096	
18-20	41.01	10.95	2.93	.54	.15	.00	44.43	2096	
21-23	42.72	8.55	2.00	.20	.00	.00	46.53	2096	
00-23	35.44	9.61	2.44	.85	.10	.00	50.87	16368	

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TABLE 1.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF JAN.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	21.70	6.45	1.96	2046	25.46	9.29	5.72
03-05	19.89	7.28	1.76	2046	23.85	7.92	4.69
06-08	20.33	6.11	1.61	2046	21.26	6.79	5.03
09-11	19.99	6.11	2.69	2046	16.96	7.77	7.97
12-14	16.62	5.91	5.43	2046	17.74	11.44	11.39
15-17	16.76	6.79	5.62	2046	20.19	13.64	11.68
18-20	20.77	6.65	2.20	2046	25.61	12.71	8.02
21-23	23.51	8.11	2.35	2046	26.25	9.53	6.74
00-23	19.95	6.68	2.94	16368	22.17	9.89	7.66

1.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	26.08	8.75	3.47	2046	16.72	7.38	7.38
03-05	25.32	8.21	3.47	2046	16.42	6.16	5.62
06-08	23.61	7.14	3.03	2046	16.47	4.64	6.21
09-11	19.84	8.79	5.47	2046	15.69	4.64	8.90
12-14	16.72	8.36	8.56	2046	16.62	4.69	13.39
15-17	17.30	8.60	8.55	2046	18.08	7.62	13.93
18-20	23.56	9.24	4.89	2046	18.82	8.55	10.31
21-23	28.54	10.07	4.25	2046	18.28	6.79	8.41
00-23	22.72	8.42	5.21	16368	17.14	6.31	9.29

1.2B

TABLE 1.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWING PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 0 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.35	3.81	.66	.15	.29	.00	4.55	22.73
5 TO 9	3.62	1.32	1.17	.00	.00	.00	.59	6.60
10- UP	.59	.59	.29	.00	.00	.00	.29	1.76
TOTAL	17.16	5.72	2.35	.15	.29	.00	5.43	31.09

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.97	3.67	1.03	.00	.15	.00	1.47	27.27
5 TO 9	3.81	4.84	.29	.73	.00	.00	.00	9.58
10- UP	.00	4.11	1.61	.44	.15	.00	.00	6.30
TOTAL	24.78	12.61	2.93	1.17	.29	.00	1.47	43.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.35	4.40	.29	.00	.00	.00	4.40	28.45
5 TO 9	3.23	2.20	1.17	.44	.00	.00	1.03	8.06
10- UP	1.47	1.32	.44	.29	.00	.00	.59	4.11
TOTAL	24.05	7.92	1.91	.73	.00	.00	6.01	40.62

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.48	1.61	.15	.00	.00	.00	8.80	18.04
5 TO 9	5.28	.44	.15	.00	.00	.00	1.91	7.77
10- UP	4.99	2.20	.00	.00	.00	.00	.73	7.92
TOTAL	17.74	4.25	.29	.00	.00	.00	11.44	33.72

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 1 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.61	2.49	1.17	.15	.00	.00	4.84	21.26
5 TO 9	2.79	1.32	.59	.00	.00	.00	.73	5.43
10- UP	1.03	.66	.29	.15	.00	.00	.04	2.35
TOTAL	16.42	4.49	2.05	.29	.00	.06	5.57	29.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.82	3.08	.88	.15	.00	.00	.68	25.81
5 TO 9	4.25	4.25	.29	.44	.15	.00	.00	9.38
10- UP	.00	3.96	1.91	.44	.00	.00	.00	6.30
TOTAL	25.07	11.29	3.08	1.03	.15	.00	.68	41.50

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.21	3.52	.29	.15	.00	.00	2.93	26.13
5 TO 9	3.96	2.49	1.32	.00	.00	.00	1.17	8.94
10- UP	.88	1.03	.44	.15	.00	.00	.59	3.08
TOTAL	24.05	7.04	2.05	.29	.00	.00	4.69	38.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	1.17	.00	.00	.00	.00	8.06	17.16
5 TO 9	5.43	.15	.	.00	.00	.00	1.32	7.09
10- UP	5.43	1.76	.00	.00	.00	.00	1.03	8.21
TOTAL	18.77	3.08	.15	.00	.00	.00	10.41	32.40

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TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 2 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.32	3.08	1.32	.15	.00	.00	4.26	21.11
5 TO 9	3.61	2.05	.44	.00	.00	.00	1.03	7.33
10- UP	.73	.44	.29	.00	.00	.00	.29	1.76
TOTAL	16.66	5.57	2.05	.15	.00	.00	5.57	30.21

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.30	3.23	1.17	.00	.00	.00	1.61	23.31
5 TO 9	4.11	3.52	.59	.59	.00	.00	.00	8.80
10- UP	.00	2.35	1.91	.29	.00	.00	.00	4.55
TOTAL	21.41	9.09	3.67	.88	.00	.00	1.61	36.66

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.30	3.96	.15	.29	.00	.00	4.40	26.10
5 TO 9	4.25	2.79	1.32	.44	.00	.00	.44	9.24
10- UP	.88	1.32	.00	.15	.00	.00	.88	3.23
TOTAL	22.43	8.06	1.47	.88	.00	.00	5.72	38.56

RUNWA 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	1.03	.15	.00	.00	.00	7.62	14.96
5 TO 9	5.43	.00	.00	.00	.00	.00	1.91	7.33
10- UP	3.67	1.47	.00	.00	.00	.00	.88	6.01
TOTAL	15.26	2.49	.15	.00	.00	.00	10.41	28.30

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 3 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.46	3.08	1.03	.15	.00	.00	3.37	20.09
5 TO 9	3.61	2.05	.73	.15	.00	.00	.88	7.62
10- UP	.59	1.17	.29	.00	.00	.00	.00	2.05
TOTAL	16.66	6.33	2.05	.29	.00	.00	4.25	29.77

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.35	3.08	.29	.00	.15	.00	2.49	25.37
5 TO 9	3.67	3.23	.44	.59	.00	.00	.00	7.92
10- UP	.00	2.93	1.91	.44	.00	.00	.00	5.28
TOTAL	23.02	9.24	2.64	1.03	.15	.00	2.49	38.56

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.16	3.96	.44	.29	.00	.00	5.43	27.27
5 TO 9	3.37	2.49	.44	.44	.00	.00	1.47	8.21
10- UP	1.76	1.03	.00	.15	.00	.00	.59	3.52
TOTAL	22.29	7.48	.88	.88	.00	.00	7.48	39.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.45	.88	.00	.00	.00	.00	8.65	15.98
5 TO 9	4.84	.44	.29	.00	.00	.00	1.61	7.18
10- UP	3.37	1.32	.00	.00	.00	.00	1.47	6.16
TOTAL	14.66	2.64	.29	.00	.00	.00	11.73	29.33

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 4 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	3.52	.59	.15	.00	.00	5.28	19.50
5 TO 9	2.93	2.35	.73	.15	.00	.00	.59	6.74
10- UP	.73	.59	.44	.00	.00	.00	.15	1.91
TOTAL	13.64	6.45	1.76	.29	.00	.00	6.01	28.15

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.16	3.23	1.61	.15	.00	.00	1.91	25.07
5 TO 9	3.96	2.64	.29	.44	.15	.00	.29	7.77
10- UP	.00	1.91	2.06	.29	.00	.00	.00	4.26
TOTAL	22.14	7.77	3.96	.88	.15	.00	2.20	37.10

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.84	4.11	.59	.15	.15	.00	3.08	23.93
5 TO 9	4.25	1.76	1.76	.15	.00	.00	1.32	9.24
10- UP	1.32	.73	.59	.15	.00	.00	.15	2.93
TOTAL	21.41	6.60	2.93	.44	.15	.00	4.55	36.07

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.65	1.03	.29	.00	.00	.00	8.21	16.18
5 TO 9	4.25	.03	.15	.00	.00	.00	1.17	5.57
10- UP	2.93	1.47	.00	.00	.00	.00	1.03	5.43
TOTAL	15.84	2.49	.44	.00	.00	.00	10.41	29.18

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 5 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.85	2.35	1.17	.00	.15	.00	5.87	20.69
5 TO 9	3.81	1.76	1.32	.00	.00	.00	.59	7.48
10- UP	.44	.59	.29	.00	.00	.00	.00	1.32
TOTAL	15.10	4.70	2.79	.00	.15	.00	6.45	28.89

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.22	3.23	1.17	.29	.00	.00	2.20	21.11
5 TO 9	3.96	2.93	.29	.59	.15	.00	.15	8.06
10- UP	.00	2.35	1.91	.29	.00	.00	.00	4.55
TOTAL	18.18	8.50	3.37	1.17	.15	.00	2.35	33.72

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.98	4.84	.29	.00	.00	.00	3.67	24.78
5 TO 9	2.93	1.61	1.47	.44	.00	.00	.73	7.18
10- UP	1.47	1.03	.15	.29	.15	.00	.88	3.96
TOTAL	20.38	7.48	1.91	.73	.15	.00	5.28	35.92

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	1.03	.15	.00	.00	.00	6.16	15.10
5 TO 9	4.40	.15	.29	.00	.00	.00	.88	5.72
10- UP	3.96	.88	.00	.00	.00	.00	1.03	5.87
TOTAL	16.13	2.06	.44	.00	.00	.00	8.06	26.69

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 6 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.56	3.23	.73	.15	.00	.00	5.57	20.23
5 TO 9	3.06	1.91	.29	.00	.00	.00	1.32	6.60
10- UP	.29	1.32	.44	.00	.00	.00	.15	2.20
TOTAL	13.93	6.45	1.47	.15	.00	.00	7.04	29.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.37	2.49	1.32	.00	.15	.00	1.76	20.09
5 TO 9	3.81	2.35	.29	.88	.00	.00	.00	7.33
10- UP	.00	2.79	1.76	.15	.00	.15	.00	4.84
TOTAL	18.18	7.62	3.37	1.03	.15	.15	1.76	32.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.57	3.52	.59	.29	.00	.00	2.79	23.75
5 TO 9	3.37	1.17	1.91	.44	.00	.00	1.17	8.06
10- UP	1.32	.59	.44	.29	.00	.00	.73	3.37
TOTAL	21.26	5.28	2.93	1.03	.00	.00	4.69	35.19

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.48	.73	.00	.00	.00	.00	6.30	14.52
5 TO 9	4.69	.15	.15	.00	.00	.00	.69	5.57
10- UP	3.23	1.47	.00	.00	.00	.00	1.32	6.01
TOTAL	15.40	2.35	.15	.00	.00	.00	8.21	26.10

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 7 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.93	2.79	.66	.29	.15	.00	5.13	22.14
5 TO 9	2.35	2.20	.00	.15	.00	.00	.73	5.43
10- UP	.44	1.03	.00	.00	.00	.00	.44	1.91
TOTAL	15.69	6.01	.86	.44	.15	.00	6.30	29.47

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.86	2.35	.15	.00	.00	.15	3.37	22.87
5 TO 9	2.05	3.37	.59	.59	.00	.00	.00	6.60
10- UP	.00	2.35	2.05	.15	.15	.00	.15	4.84
TOTAL	18.91	8.06	2.79	.73	.15	.15	3.52	34.31

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.86	3.23	.44	.15	.00	.00	3.81	24.49
5 TO 9	2.93	1.47	.88	.15	.00	.00	1.47	6.89
10- UP	.29	1.47	.44	.15	.15	.00	.29	2.79
TOTAL	20.09	6.16	1.76	.44	.15	.00	5.57	34.16

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.56	1.32	.00	.00	.00	.00	7.48	19.36
5 TO 9	2.79	.15	.15	.00	.00	.00	1.03	4.11
10- UP	4.11	1.63	.00	.00	.00	.00	.88	6.01
TOTAL	17.45	2.49	.15	.00	.00	.00	9.38	29.47

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TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 6 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.56	1.97	1.03	.29	.00	.00	5.28	18.62
5 TO 9	3.37	1.61	.29	.15	.00	.15	.73	6.30
10- UP	.29	.44	.00	.00	.00	.00	.00	.73
TOTAL	24.22	3.52	1.32	.44	.00	.15	6.01	25.66

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.08	2.35	1.91	.00	.15	.00	2.35	20.82
5 TO 9	2.79	2.64	.15	.59	.00	.00	.29	6.[illegible]
10- UP	.00	3.23	1.91	.29	.00	.00	.00	5.43
TOTAL	16.96	8.21	3.96	.88	.15	.00	2.64	32.70

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.49	4.40	.00	.15	.00	.00	4.55	22.58
5 TO 9	2.05	1.61	1.76	.15	.00	.00	.88	6.45
10- UP	.59	1.17	.59	.44	.00	.00	.15	2.93
TOTAL	16.13	7.18	2.35	.73	.00	.00	5.57	31.96

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.80	.73	.15	.00	.00	.00	5.87	15.54
5 TO 9	2.64	.59	.15	.00	.00	.00	.88	4.25
10- UP	3.52	1.91	.00	.00	.00	.00	1.17	6.60
TOTAL	14.96	3.23	.29	.00	.00	.00	7.92	26.39

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 9 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.41	2.05	1.17	.15	.29	.00	5.72	19.79
5 TO 9	2.64	1.17	1.03	.29	.00	.00	1.03	6.16
10- UP	.15	.88	.44	.29	.00	.00	.00	1.76
TOTAL	13.20	4.11	2.64	.73	.29	.00	6.74	27.71

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.29	3.52	1.32	.00	.00	.00	2.05	18.18
5 TO 9	3.23	2.49	.59	1.03	.00	.00	.15	7.48
10- UP	.00	3.37	2.64	.15	.00	.00	.00	6.16
TOTAL	14.52	9.38	4.55	1.17	.00	.00	2.20	31.82

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.29	4.25	.00	.29	.15	.00	4.11	20.09
5 TO 9	1.91	1.91	1.47	.15	.00	.00	1.32	6.74
10- UP	1.91	1.32	.44	.15	.00	.00	.73	4.55
TOTAL	15.10	7.48	1.91	.59	.15	.00	6.16	31.38

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.70	1.61	.00	.15	.00	.00	3.52	15.98
5 TO 9	3.08	.59	.29	.00	.00	.00	.59	4.55
10- UP	3.41	2.20	.00	.00	.00	.00	1.61	7.62
TOTAL	17.60	4.40	.29	.15	.00	.00	5.72	28.15

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 10 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.41	3.08	.44	.15	.29	.00	7.18	21.65
5 TO 9	2.20	2.49	.88	.59	.00	.00	.59	6.74
10- UP	.44	.73	.73	.59	.00	.00	.15	2.64
TOTAL	13.05	6.30	2.05	1.32	.29	.00	7.92	30.99

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	2.79	1.17	.00	.00	.00	1.32	15.54
5 TO 9	3.23	2.05	.15	1.32	.15	.00	.29	7.18
10- UP	.00	3.52	4.26	.73	.00	.00	.00	8.50
TOTAL	13.49	8.36	5.57	2.05	.15	.00	1.61	31.23

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.73	2.93	.00	.44	.15	.00	4.99	20.23
5 TO 9	2.93	1.03	1.61	.59	.00	.00	.73	6.89
10- UP	2.20	1.03	.44	.29	.00	.00	1.32	5.28
TOTAL	16.86	4.99	2.05	1.32	.15	.00	7.04	32.40

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	1.76	.44	.29	.00	.00	3.67	16.13
5 TO 9	2.93	.29	.29	.00	.00	.00	.73	4.25
10- UP	3.52	3.37	.00	.00	.00	.00	2.20	9.09
TOTAL	16.42	5.43	.73	.29	.00	.00	6.60	29.47

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 11 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.36	2.05	1.47	.59	.00	.15	6.01	18.62
5 TO 9	2.35	1.61	.44	.59	.00	.00	.44	5.43
10- UP	.44	1.61	.59	1.03	.00	.00	.00	3.67
TOTAL	11.14	5.26	2.49	2.20	.00	.15	6.45	27.71

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	3.08	1.47	.29	.00	.00	2.79	17.16
5 TO 9	2.79	3.08	.73	1.76	.15	.00	.15	8.65
10- UP	.15	4.11	3.81	1.17	.00	.00	.00	9.24
TOTAL	12.46	10.26	6.01	3.23	.15	.00	2.93	35.04

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.29	3.23	.59	.29	.00	3.52	19.21	
5 TO 9	2.35	.73	2.35	.73	.15	.00	.44	6.74
10- UP	2.79	1.47	.59	.73	.00	.00	1.03	6.60
TOTAL	16.42	5.43	3.52	1.76	.44	.00	4.99	32.65

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	1.47	.00	.44	.00	.00	3.08	14.96
5 TO 9	3.67	.59	.15	.15	.00	.00	.88	5.13
10- UP	4.55	3.67	.29	.00	.00	.00	1.47	9.97
TOTAL	17.69	5.72	.44	.59	.00	.00	5.43	30.06

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TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 12 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.60	2.05	1.17	.59	.29	.00	4.11	17.01
5 TO 9	3.52	1.17	1.17	.44	.00	.00	.29	6.60
10- UP	.15	1.76	1.47	.88	.15	.00	.00	4.40
TOTAL	12.46	4.99	3.81	1.91	.44	.00	4.40	28.01

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.70	2.05	1.17	.29	.15	.00	2.06	16.42
5 TO 9	1.61	4.40	1.03	2.49	.29	.00	.29	10.12
10- UP	.29	5.13	4.25	1.03	.15	.00	.00	10.85
TOTAL	12.61	11.58	6.45	3.81	.59	.00	2.35	37.39

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	2.64	.73	.88	.59	.00	2.93	17.30
5 TO 9	3.61	.29	1.76	1.32	.00	.00	.59	7.77
10- UP	2.35	2.20	.88	1.03	.15	.00	1.03	7.62
TOTAL	15.49	5.13	3.37	3.23	.73	.00	4.55	32.70

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.02	1.32	.73	.44	.00	.00	3.52	15.04
5 TO 9	2.93	.44	.00	.00	.00	.00	1.17	4.55
10- UP	4.99	5.28	.00	.00	.00	.00	1.91	12.17
TOTAL	17.74	7.04	.73	.44	.00	.00	6.60	32.55

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 13 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.05	2.20	1.47	.73	.29	.00	3.81	17.16
5 TO 9	2.35	1.03	.59	.29	.00	.00	.44	4.69
10- UP	.73	1.61	1.47	1.03	.15	.00	.00	4.99
TOTAL	11.73	4.84	3.52	2.05	.44	.00	4.25	26.83

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.14	2.35	1.17	.29	.00	.00	2.20	17.16
5 TO 9	2.05	4.84	2.20	2.64	.73	.00	.00	12.46
10- UP	.00	4.69	5.72	1.32	.29	.00	.00	12.02
TOTAL	13.20	11.88	9.09	4.25	1.03	.00	2.20	41.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.02	2.35	.44	.59	.15	.00	2.64	15.98
5 TO 9	2.93	.88	2.64	1.32	.15	.00	.29	8.21
10- UP	2.05	2.64	1.17	.88	.29	.00	1.61	8.65
TOTAL	14.61	5.87	4.25	2.79	.59	.00	4.55	32.84

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.26	1.61	.44	.15	.29	.00	2.79	15.54
5 TO 9	3.08	.73	.29	.00	.00	.00	1.17	5.28
10- UP	7.04	4.40	.00	.00	.00	.00	3.08	14.52
TOTAL	20.38	6.74	.73	.15	.29	.00	7.04	35.34

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 14 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.98	2.05	1.47	.44	.59	.08	3.67	16.69
5 TO 9	2.64	1.03	1.32	.59	.00	.00	.88	6.45
10- UP	.88	2.64	2.20	1.03	.15	.00	.00	6.89
TOTAL	11.00	5.72	4.99	2.05	.73	.08	4.55	29.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.61	2.93	2.05	.44	.00	.00	1.61	19.65
5 TO 9	1.76	5.13	1.61	2.79	.00	.15	.29	11.73
10- UP	.00	3.81	6.01	1.32	.15	.00	.00	11.29
TOTAL	14.37	11.88	9.68	4.55	.15	.15	1.91	42.67

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	3.81	1.32	.88	.44	.00	1.32	16.86
5 TO 9	2.93	1.17	2.79	1.61	.15	.15	.27	9.09
10- UP	2.93	2.64	1.32	.29	.15	.00	1.91	9.24
TOTAL	14.96	7.62	5.43	2.79	.73	.15	3.52	35.19

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.88	1.32	.88	.59	.00	.00	3.81	18.48
5 TO 9	2.79	.29	.29	.00	.00	.00	.88	4.25
10- UP	6.01	4.11	.00	.00	.00	.00	3.37	13.49
TOTAL	20.67	5.72	1.17	.59	.00	.00	8.06	36.22

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 15 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	1.91	1.61	.29	.44	.00	4.11	15.69
5 TO 9	2.35	.88	1.17	.88	.29	.00	.73	6.30
10- UP	1.17	3.23	1.47	.88	.15	.00	.29	7.18
TOTAL	10.85	6.01	4.25	2.05	.88	.00	5.13	29.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.56	3.96	1.91	.73	.00	.00	2.49	19.65
5 TO 9	2.35	6.31	1.76	2.64	.15	.00	.15	13.05
10- UP	.00	4.84	5.57	2.20	.15	.00	.15	12.90
TOTAL	12.90	14.81	9.24	5.57	.29	.00	2.79	45.60

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	4.25	1.03	1.17	.88	.00	1.61	18.48
5 TO 9	2.20	1.61	2.35	1.76	.00	.00	.00	7.92
10- UP	3.37	2.49	1.47	.44	.15	.00	1.47	9.38
TOTAL	15.13	8.36	4.84	3.37	1.03	.00	3.08	35.78

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.85	2.49	.88	.59	.00	.00	3.23	18.04
5 TO 9	4.25	.88	.29	.00	.00	.00	.73	6.16
10- UP	4.99	4.84	.15	.00	.15	.00	4.40	14.52
TOTAL	20.09	8.21	1.32	.59	.15	.00	8.36	38.71

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TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 16 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.04	2.20	1.03	1.17	.29	.15	4.40	16.28
5 TO 9	3.52	1.61	1.03	.59	.00	.00	.73	7.48
10- UP	.66	2.93	1.47	.59	.00	.00	5.87	29.62
TOTAL	11.44	6.74	3.52	2.35	.29	.15	5.13	

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.00	3.37	2.64	.44	.00	.00	2.49	19.94
5 TO 9	3.37	7.33	1.47	2.35	.73	.00	.15	15.40
10- UP	.15	4.99	4.40	1.76	.00	.00	.15	11.44
TOTAL	14.52	15.69	8.50	4.55	.73	.00	2.79	46.77

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.36	3.37	.44	1.76	.44	.00	1.76	17.16
5 TO 9	3.37	1.76	3.23	1.03	.00	.00	.15	9.53
10- UP	2.79	2.20	1.03	.44	.59	.00	2.05	9.09
TOTAL	15.54	7.33	4.69	3.23	1.03	.00	3.96	35.78

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	2.49	.73	.44	.00	.00	3.81	17.74
5 TO 9	4.99	.73	.29	.00	.00	.00	1.91	7.92
10- UP	6.60	4.11	.29	.00	.00	.00	3.23	14.22
TOTAL	21.85	7.33	1.32	.44	.00	.00	8.94	39.88

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 17 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.21	2.79	1.76	.88	.44	.00	4.25	18.33
5 TO 9	3.52	1.47	1.32	.29	.00	.00	.00	6.60
10- UP	.29	2.20	.88	.44	.00	.00	.00	3.81
TOTAL	12.02	6.46	3.96	1.61	.44	.00	4.25	28.74

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.46	3.81	1.91	.29	.00	.00	2.49	20.97
5 TO 9	3.23	5.43	1.91	1.91	.00	.00	.00	12.46
10- UP	.00	5.57	4.69	.44	.00	.00	.00	10.70
TOTAL	15.69	14.81	8.50	2.64	.00	.00	2.49	44.13

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.21	4.11	.59	.88	.44	.00	2.05	16.28
5 TO 9	3.67	1.17	2.93	1.03	.00	.00	.15	8.94
10- UP	2.79	1.76	1.32	.15	.00	.00	1.17	7.18
TOTAL	14.66	7.04	4.84	2.06	.44	.00	3.37	32.40

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.73	2.20	.44	.29	.15	.00	3.67	18.48
5 TO 9	5.13	.73	.16	.00	.00	.00	2.79	8.80
10- UP	7.04	3.23	.00	.00	.00	.00	2.79	13.06
TOTAL	23.90	6.16	.59	.29	.15	.00	9.24	40.32

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TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 18 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.56	3.52	1.76	.44	.15	.00	3.96	20.38
5 TO 9	2.49	1.61	1.17	.00	.15	.15	.15	5.72
10- UP	.29	1.61	.15	.15	.00	.00	.15	2.35
TOTAL	13.34	6.74	3.06	.59	.29	.15	4.25	28.45

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.16	4.55	2.20	.44	.00	.00	1.47	25.81
5 TO 9	3.96	7.62	1.91	.88	.00	.15	.15	14.66
10- UP	.00	4.25	3.81	.73	.00	.00	.00	8.88
TOTAL	21.11	16.42	7.92	2.06	.00	.15	1.61	49.27

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.73	4.84	.88	1.03	.00	.00	3.23	21.70
5 TO 9	2.79	2.79	2.35	.44	.00	.00	.88	9.24
10- UP	2.35	1.03	.73	.44	.15	.00	1.03	5.72
TOTAL	16.86	8.65	3.96	1.91	.15	.00	5.13	36.66

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	2.93	.15	.15	.00	.00	6.45	19.21
5 TO 9	6.16	.15	.00	.00	.00	.00	4.11	10.41
10- UP	5.72	1.91	.15	.03	.00	.00	3.23	11.00
TOTAL	21.41	4.99	.29	.15	.00	.00	13.78	40.62

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 19 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.38	5.13	1.17	.15	.00	.00	4.99	23.82
5 TO 9	3.67	1.61	1.03	.00	.00	.00	.29	6.60
10- UP	.44	1.17	.29	.00	.00	.00	.29	2.20
TOTAL	13.49	7.92	2.49	.15	.00	.00	5.57	29.62

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.21	5.13	1.47	.15	.15	.00	1.17	27.27
5 TO 9	4.40	6.60	.44	.73	.15	.00	.15	12.46
10- UP	.00	3.23	3.08	1.03	.00	.00	.00	7.33
TOTAL	23.61	14.96	4.99	1.91	.29	.00	1.32	47.07

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.61	6.45	.59	.59	.00	.00	1.76	24.19
5 TO 9	4.55	2.05	1.76	.29	.00	.00	.59	9.24
10- UP	2.05	1.03	.44	.15	.15	.00	.59	4.40
TOTAL	21.41	9.53	2.79	1.03	.15	.00	2.93	37.83

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	2.64	.59	.00	.00	.00	6.74	19.50
5 TO 9	5.72	.59	.15	.00	.00	.00	1.17	7.62
10- UP	6.89	1.17	.00	.00	.00	.00	2.64	10.70
TOTAL	22.14	4.40	.73	.00	.00	.00	10.56	37.83

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TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 20 NUMBER OBS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	11.00	4.99	1.03	.15	.00	.00	3.96	21.11
5 TO 9	3.96	2.06	.86	.29	.00	.00	.44	7.62
10- UP	1.03	.44	.29	.00	.00	.00	.29	2.05
TOTAL	15.98	7.48	2.20	.44	.00	.00	4.69	30.79

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.10	4.84	1.91	.00	.00	.00	1.91	23.75
5 TO 9	5.13	4.40	.44	.88	.15	.00	.00	11.00
10- UP	.00	3.96	3.37	.44	.15	.00	.00	7.92
TOTAL	20.23	13.20	5.72	1.32	.29	.00	1.91	42.67

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.43	6.30	.44	.15	.00	.00	2.49	24.78
5 TO 9	4.25	1.76	2.05	.29	.00	.00	.88	9.24
10- UP	1.91	1.47	.29	.15	.15	.00	.59	4.55
TOTAL	21.55	9.53	2.79	.59	.15	.00	3.96	38.56

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	8.94	2.35	.00	.15	.00	.00	6.30	17.74
5 TO 9	6.16	.73	.00	.00	.00	.00	.73	7.62
10- UP	6.89	1.47	.00	.00	.00	.00	.88	9.24
TOTAL	21.99	4.55	.00	.15	.00	.00	7.92	34.60

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 21 NUMBER OBS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	13.78	4.11	.59	.44	.00	.00	5.72	24.63
5 TO 9	5.13	1.91	.59	.15	.00	.00	.73	8.53
10- UP	.73	1.03	.29	.00	.00	.00	.15	2.20
TOTAL	19.63	7.04	1.47	.59	.00	.00	6.60	35.34

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	17.16	3.67	1.61	.15	.00	.00	1.91	24.49
5 TO 9	5.43	4.11	.00	.88	.00	.00	.29	10.70
10- UP	.00	3.67	2.64	.73	.00	.00	.00	7.04
TOTAL	22.58	11.44	4.25	1.76	.00	.00	2.20	42.23

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	19.21	4.69	.30	.29	.00	.00	2.79	26.98
5 TO 9	4.25	2.93	1.91	.15	.00	.00	2.05	11.58
10- UP	1.91	1.17	.59	.15	.00	.00	.44	4.25
TOTAL	25.66	8.80	2.99	.59	.00	.00	5.28	42.82

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	7.09	1.47	.29	.15	.00	.00	7.62	18.62
5 TO 9	6.16	.59	.00	.00	.00	.00	1.03	7.77
10- UP	5.87	1.47	.00	.00	.00	.00	.88	8.21
TOTAL	21.11	3.52	.29	.15	.00	.00	9.53	34.60

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TABLE 1.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 22 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.90	3.67	1.32	.15	.00	.00	6.01	24.05	20.38	4.55	.73	.15	.00	.00	1.47	27.27
5 TO 9	3.52	2.20	.88	.00	.00	.00	.88	7.48	3.81	4.40	.15	.59	.15	.00	.15	9.24
10- UP	1.03	1.32	.15	.15	.00	.00	.29	2.93	.00	2.64	3.08	.88	.00	.00	.00	6.60
TOTAL	17.45	7.18	2.35	.29	.00	.06	7.18	34.46	24.19	11.58	3.96	1.61	.15	.00	1.61	43.11

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 9 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	23.02	5.28	.15	.29	.00	.00	2.35	31.09	8.21	1.76	.00	.00	.00	.00	7.92	17.89
5 TO 9	3.81	1.76	1.17	.15	.00	.00	2.35	9.24	4.84	.00	.15	.00	.00	.00	.88	5.87
10- UP	1.51	1.61	.29	.44	.00	.00	.44	4.69	5.87	1.76	.15	.00	.00	.00	1.32	8.80
TOTAL	28.34	8.65	1.61	.88	.00	.00	5.13	45.01	18.82	3.52	.29	.00	.00	.00	10.12	32.55

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 23 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.70	3.81	1.17	.15	.15	.00	5.87	21.85	21.11	2.93	.88	.00	.00	.00	2.05	26.98
5 TO 9	5.57	1.47	.88	.15	.00	.00	.29	8.36	4.11	3.96	.15	.29	.00	.00	.15	8.65
10- UP	.73	.88	.00	.00	.00	.00	.15	1.76	.00	2.49	3.67	.44	.00	.00	.00	6.60
TOTAL	17.01	6.16	2.05	.29	.15	.00	6.30	31.96	25.22	9.38	4.69	.73	.00	.00	2.20	42.23

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 9 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	23.53	3.37	.29	.15	.00	.00	3.23	27.57	8.21	1.61	.00	.00	.15	.00	8.36	18.33
5 TO 9	5.43	1.47	1.47	.00	.00	.00	1.03	9.38	4.55	.15	.00	.00	.00	.00	2.05	6.79
10- UP	1.61	1.32	.29	.15	.00	.00	.44	3.81	4.84	1.61	.00	.00	.00	.00	1.76	8.21
TOTAL	27.57	6.16	2.05	.29	.00	.00	4.69	40.76	17.60	3.37	.00	.00	.15	.00	12.17	33.28

TABLE 1.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF JAN.

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	22.71	11.06	11.65	15.82	38.76
03-05	21.73	10.67	11.06	15.02	38.16
06-08	23.01	10.96	12.09	15.29	42.33
09-11	21.49	11.06	10.38	15.53	36.05
12-14	18.55	9.50	9.06	13.17	32.46
15-17	18.76	9.30	9.45	13.11	32.49
18-20	20.61	10.67	9.94	15.15	33.61
21-23	21.76	11.06	10.72	16.72	31.69
00-23	21.07	10.54	10.54	14.96	35.68

*** RUNWAY 35 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	27.95	13.02	14.93	21.69	36.84
03-05	25.16	12.09	13.07	19.04	35.79
06-08	24.52	12.09	12.43	18.07	37.57
09-11	20.75	10.77	9.99	16.01	30.49
12-14	18.40	10.47	7.93	17.64	19.52
15-17	19.58	10.03	9.54	18.44	20.95
18-20	22.86	11.16	11.70	20.80	26.24
21-23	23.79	11.86	11.94	20.63	28.05
00-23	22.88	11.44	11.44	18.98	28.78

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*** RUNWAY 22 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	25.60	12.38	13.12	20.32	33.58
03-05	26.93	12.98	13.31	19.83	35.93
06-08	26.38	12.53	13.85	18.92	41.31
09-11	22.52	11.36	11.16	16.79	34.70
12-14	20.56	10.72	9.84	16.13	29.34
15-17	18.60	6.81	7.79	13.96	28.33
18-20	25.35	13.71	11.65	21.96	30.99
21-23	26.68	13.71	12.97	23.96	33.32
00-23	23.92	11.96	11.96	18.78	32.94

*** RUNWAY 4 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	24.13	11.21	12.92	16.37	40.99
03-05	23.84	11.65	12.19	16.28	42.86
06-08	24.67	12.29	12.38	16.90	46.34
09-11	22.37	11.80	10.57	16.67	36.18
12-14	20.75	11.40	9.35	17.48	26.90
15-17	22.12	11.75	10.38	19.48	26.14
18-20	24.91	11.50	13.41	18.47	35.54
21-23	23.54	11.55	11.99	17.38	35.77
00-23	23.29	11.64	11.65	17.32	35.54

TABLE 1.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF JAN.

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	10.57	4.20	1.05	15.82
03-05	13.27	3.51	1.24	15.02
06-08	10.95	3.13	1.16	15.24
09-11	11.48	3.09	.96	15.53
12-14	9.03	2.10	2.04	13.17
15-17	8.70	2.83	1.59	13.11
18-20	10.70	2.99	1.46	15.15
21-23	11.39	4.07	1.26	16.72
00-23	10.38	3.23	1.35	14.95

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
17.28	3.79	.82	21.89
15.34	2.85	.85	19.04
14.78	2.49	.80	18.07
12.37	2.47	1.16	16.01
11.95	4.12	1.57	17.64
11.69	5.13	1.62	18.44
15.78	3.56	1.46	20.80
17.14	2.90	.60	20.63
14.52	3.36	1.[illegible]0	18.98

1.48

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	16.14	3.45	.72	20.32
03-05	16.49	2.60	.54	19.83
06-08	14.78	3.47	.67	18.92
09-11	12.64	2.89	1.01	16.74
12-14	11.78	2.95	1.40	16.13
15-17	10.10	2.62	.75	13.46
18-20	17.41	3.84	.71	21.96
21-23	19.42	4.02	.51	23.95
00-23	14.75	3.24	.83	18.78

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
10.65	4.22	1.50	16.37
10.63	3.28	2.39	16.28
12.05	2.49	2.36	16.90
11.69	1.94	3.04	16.67
11.85	2.55	3.08	17.48
12.26	2.72	4.30	19.48
11.56	3.62	3.30	18.47
10.75	4.20	2.43	17.38
11.41	3.14	2.77	17.32

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TABLE 1.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (JANUARY, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 1/43 - 1/68
MONTH OF RECORD - 1,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	1.18	.19	3.02	1.84	2.36	.4235	568
1	1.61	-.28	5.74	3.28	10.19	.5405	574
2	1.20	-1.69	8.09	5.43	19.15	.4359	561
3	4.32	-2.16	8.95	7.04	15.29	.2426	522
4	7.01	-2.83	9.95	8.41	13.36	.1596	502
5	8.85	-3.44	10.98	9.92	23.11	.2121	483
6	10.64	-4.18	12.08	11.59	24.60	.1757	468
7	12.77	-5.00	13.69	13.19	36.32	.2010	415
8	14.84	-5.33	15.19	14.64	61.24	.2753	407
9	17.10	-6.13	16.79	16.29	79.56	.2909	404
10	19.36	-5.97	17.03	17.30	82.99	.2816	399
11	20.93	-5.58	16.37	17.28	73.46	.2597	396
12	22.34	-5.36	15.09	16.14	40.36	.1656	393
13	22.41	-4.50	13.37	13.96	24.62	.1320	383
14	21.22	-4.00	11.82	11.16	18.27	.1385	374
15	19.05	-3.77	10.04	9.66	11.11	.1146	363
16	16.76	-2.58	8.98	8.21	7.74	.1048	362
17	13.88	-2.32	8.49	7.01	9.26	.1558	349
18	10.82	-2.20	6.27	5.70	10.28	.2183	331
19	8.07	-2.36	7.56	4.87	7.15	.1942	326
20	5.22	-2.45	7.74	4.44	6.97	.2030	315
21	3.25	-2.52	8.61	4.03	6.45	.1859	307
22	2.20	-2.59	9.75	4.00	7.40	.1899	296
23	1.54	-2.76	10.56	3.97	12.84	.3067	293
24	.85	-2.93	11.00	4.35	17.43	.3643	279
25	.99	-2.68	12.16	4.96	27.96	.4639	268
26	1.81	-2.41	13.51	5.47	37.17	.5032	261
27	2.03	-2.58	14.09	5.95	39.93	.4764	230

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

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FEBRUARY

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TABLE 2.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF FEB.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	37.22	18.96	6.61	1.13	.21	.16	35.71	1862
03-05	35.53	16.32	5.31	1.02	.21	.05	41.55	1863
06-08	34.68	13.90	4.51	1.13	.38	.00	45.41	1863
09-11	26.78	16.10	9.98	3.76	.48	.27	42.62	1863
12-14	24.66	21.47	14.12	5.21	1.34	.54	30.65	1863
15-17	22.67	24.69	17.23	6.71	.91	.54	27.05	1863
18-20	34.55	20.40	9.62	2.31	.59	.27	23.86	1861
21-23	40.57	23.05	6.29	1.88	.48	.05	27.67	1861
00-23	32.36	20.41	9.21	2.89	.58	.23	34.32	14899

2.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	37.96	11.92	2.85	.48	.27	.00	44.52	1862
03-05	36.66	11.86	2.42	.27	.16	.00	48.63	1863
06-08	37.73	10.14	1.72	.27	.11	.00	50.03	1863
09-11	35.37	11.76	4.62	1.45	.59	.16	46.05	1863
12-14	36.39	15.62	5.10	3.60	1.66	.11	37.52	1863
15-17	35.64	14.81	6.16	3.97	1.07	.32	36.02	1863
18-20	43.1[illegible]	16.62	5.21	1.34	.27	.11	33.10	1861
21-23	45.73	15.96	2.90	.70	.32	.00	34.39	1861
00-23	36.83	13.61	4.12	1.51	.56	.09	41.28	14899

2.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	37.00	9.29	2.56	.32	.21	.00	50.59	1862
03-05	33.17	9.18	2.31	.16	.05	.00	55.13	1863
06-08	35.71	7.94	1.29	.16	.11	.00	56.79	1863
09-11	32.31	9.82	4.40	1.07	.27	.11	52.01	1863
12-14	34.94	15.19	4.24	2.20	.97	.11	42.35	1863
15-17	34.46	14.92	6.49	2.36	.54	.21	41.01	1863
18-20	44.22	13.06	4.30	.91	.16	.05	37.29	1861
21-23	43.42	11.93	2.26	.59	.32	.00	41.48	1861
00-23	36.65	11.42	3.48	.97	.33	.06	47.08	14899

2.1C

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TABLE 2.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF FEB.

2.2A

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	18.74	7.89	1.02	1862	27.18	10.58	6.23
03-05	20.29	5.58	1.02	1863	26.46	8.48	5.58
06-08	20.24	5.96	1.40	1863	22.11	8.05	5.53
09-11	16.75	5.96	2.79	1863	19.43	10.09	11.43
12-14	14.17	6.07	5.74	1863	21.36	14.92	14.33
15-17	13.10	5.90	6.76	1863	21.31	17.87	15.08
18-20	16.87	8.01	2.42	1861	26.33	17.41	10.48
21-23	19.56	9.89	1.63	1861	29.66	12.31	7.74
00-23	17.46	6.91	2.87	14899	24.23	12.46	9.55

2.2B

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	26.64	9.72	3.38	1862	14.72	9.08	8.06
03-05	28.56	8.16	2.36	1863	14.39	6.44	7.35
06-08	24.10	7.46	1.99	1863	15.89	6.12	7.51
09-11	16.73	7.84	4.56	1863	16.48	5.15	13.31
12-14	17.02	8.86	7.57	1863	17.98	7.41	17.18
15-17	16.59	10.84	8.70	1863	15.89	8.48	19.06
18-20	24.61	11.93	4.35	1861	15.05	11.77	13.49
21-23	32.56	10.32	4.14	1861	14.45	9.61	9.89
00-23	23.60	9.39	4.63	14899	15.61	7.99	11.98

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TABLE 2.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 0 NUMBER OBS. 620

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.97	3.71	.81	.16	.00	.16	3.39	19.19
5 TO 9	4.52	1.45	1.13	.00	.00	.00	.97	8.06
10- UP	.32	.65	.16	.00	.00	.00	.00	1.13
TOTAL	15.81	5.81	2.10	.16	.00	.16	4.36	28.39

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.32	5.48	1.94	.32	.00	.00	.97	29.03
5 TO 9	5.00	4.35	.81	.65	.00	.16	.32	11.29
10- UP	.16	4.52	2.26	.00	.00	.00	.00	6.94
TOTAL	25.48	14.35	5.00	.97	.00	.16	1.29	47.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.42	5.46	.32	.00	.00	.00	3.39	26.61
5 TO 9	4.03	2.93	2.26	.32	.00	.00	1.77	11.29
10- UP	1.29	.48	.32	.00	.16	.00	1.13	3.39
TOTAL	22.74	8.87	2.90	.32	.16	.00	6.29	41.29

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.10	.48	.16	.00	.00	.00	8.39	16.13
5 TO 9	6.61	.65	.00	.00	.00	.00	1.77	9.03
10- UP	4.84	2.10	.16	.16	.00	.00	1.94	9.19
TOTAL	18.55	3.23	.32	.16	.00	.00	12.10	34.35

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 1 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.02	1.93	1.29	.16	.00	.00	4.35	16.75
5 TO 9	3.54	2.25	.64	.32	.00	.00	.97	7.73
10- UP	.32	.64	.00	.00	.00	.00	.16	1.13
TOTAL	12.88	4.83	1.93	.48	.00	.00	5.48	25.60

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.36	5.31	2.42	.00	.00	.16	1.45	27.70
5 TO 9	6.12	5.48	.16	.32	.16	.00	.16	12.40
10- UP	.16	3.86	1.77	.00	.16	.00	.00	5.96
TOTAL	24.64	14.65	4.35	.32	.32	.16	1.61	46.05

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.98	5.80	.16	.16	.00	.00	4.51	25.60
5 TO 9	4.19	2.09	2.25	.16	.00	.00	.48	9.18
10- UP	1.13	1.29	.16	.00	.32	.00	.81	3.70
TOTAL	20.29	9.18	2.56	.32	.32	.00	5.80	38.49

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.92	.64	.00	.16	.00	.00	7.73	15.46
5 TO 9	8.05	.16	.16	.00	.00	.00	1.77	10.14
10- UP	4.83	1.61	.16	.00	.00	.00	.97	7.57
TOTAL	19.81	2.42	.32	.16	.00	.00	10.47	33.17

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TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 2 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.66	2.93	1.45	.32	.16	.00	5.80	20.29
5 TO 9	3.36	2.25	.16	.16	.00	.00	1.93	7.89
10- UP	.00	.32	.32	.00	.00	.00	.16	.81
TOTAL	13.04	5.46	1.93	.48	.16	.00	7.89	28.99

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.46	5.80	2.25	.00	.00	.00	1.29	24.80
5 TO 9	4.35	2.42	.48	.64	.16	.00	.00	8.05
10- UP	.00	3.54	1.93	.32	.00	.00	.00	5.80
TOTAL	19.81	11.76	4.67	.97	.16	.00	1.29	38.65

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.04	5.64	.30	.00	.16	.00	3.86	27.70
5 TO 9	2.74	3.38	1.45	.48	.00	.00	.64	8.73
10- UP	1.29	.48	.32	.00	.16	.00	.81	3.06
TOTAL	22.06	9.50	1.77	.48	.32	.00	5.31	39.45

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.48	.81	.00	.00	.00	.00	6.28	12.56
5 TO 9	6.12	.32	.64	.00	.00	.00	.97	8.05
10- UP	4.83	1.45	.00	.00	.00	.00	1.13	7.41
TOTAL	16.43	2.58	.64	.00	.00	.00	8.37	28.02

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 3 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.63	2.74	.81	.32	.16	.00	6.76	21.42
5 TO 9	3.22	.81	.32	.00	.00	.06	.64	4.99
10- UP	.32	.32	.48	.00	.00	.00	.16	1.29
TOTAL	14.17	3.86	1.61	.32	.16	.00	7.57	27.70

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.78	6.28	.97	.16	.16	.00	2.09	25.44
5 TO 9	3.86	4.35	.16	.32	.16	.00	.16	9.02
10- UP	.00	3.22	2.25	.00	.00	.16	.00	5.64
TOTAL	19.65	13.85	3.38	.48	.32	.16	2.26	40.10

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.65	6.76	.00	.16	.16	.00	3.86	30.60
5 TO 9	2.42	2.58	1.29	.00	.00	.08	1.77	8.05
10- UP	.97	.81	.32	.32	.16	.00	.32	2.90
TOTAL	23.03	10.14	1.61	.48	.32	.00	5.96	41.55

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.35	.97	.00	.00	.00	.00	6.60	11.92
5 TO 9	4.99	.32	.00	.00	.00	.00	.97	6.28
10- UP	4.51	2.25	.00	.00	.00	.00	1.29	8.05
TOTAL	13.85	3.54	.00	.00	.00	.00	8.86	26.25

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 4 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.92	2.74	.48	.32	.00	.00	4.83	20.29
5 TO 9	2.90	1.13	.16	.32	.00	.00	.97	5.48
10- UP	.32	.32	.32	.00	.00	.00	.00	.97
TOTAL	15.14	4.19	.97	.64	.00	.00	5.80	26.73

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.94	5.15	2.09	.16	.00	.00	1.93	25.28
5 TO 9	4.35	3.54	.48	.32	.00	.00	.00	8.70
10- UP	.00	3.22	2.09	.32	.00	.00	.00	5.64
TOTAL	20.29	11.92	4.67	.81	.00	.00	1.93	39.61

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.23	5.48	.16	.00	.00	.00	4.51	28.39
5 TO 9	2.90	1.29	2.42	.16	.00	.00	.97	7.73
10- UP	.97	.64	.00	.16	.00	.00	.81	2.58
TOTAL	22.06	7.41	2.58	.32	.00	.00	6.28	38.65

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.80	1.13	.00	.00	.16	.00	6.60	13.69
5 TO 9	5.96	.00	.00	.00	.00	.00	.97	6.92
10- UP	2.58	2.25	.00	.00	.00	.00	2.09	6.92
TOTAL	14.33	3.38	.00	.00	.16	.00	9.66	27.54

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 5 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.96	2.58	.48	.16	.16	.00	5.80	19.16
5 TO 9	4.19	1.13	.00	.32	.00	.00	.64	6.28
10- UP	.32	.32	.16	.00	.00	.00	.00	.81
TOTAL	14.49	4.03	.64	.48	.16	.00	6.44	26.25

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.65	4.67	1.93	.00	.00	.00	2.42	28.66
5 TO 9	3.38	3.86	.32	.16	.00	.00	.00	7.73
10- UP	.00	2.90	2.42	.16	.00	.00	.00	5.48
TOTAL	23.03	11.43	4.67	.32	.00	.00	2.42	41.87

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.62	5.96	.48	.00	.00	.00	4.67	26.73
5 TO 9	3.70	2.25	2.39	.00	.00	.00	.64	8.70
10- UP	.64	.48	.32	.00	.00	.00	.16	1.61
TOTAL	19.97	8.70	2.90	.00	.00	.00	5.46	37.04

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.05	.81	.00	.00	.00	.00	8.70	17.55
5 TO 9	4.51	.32	.16	.00	.00	.00	1.13	6.12
10- UP	4.19	1.29	.00	.00	.00	.00	1.61	7.09
TOTAL	16.75	2.42	.16	.00	.00	.00	11.43	30.76

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TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 6 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.53	3.06	.64	.16	.00	.00	4.67	22.06
5 TO 9	3.54	.48	.32	.32	.00	.00	1.13	5.80
10- UP	.61	.48	.16	.00	.00	.00	.32	1.77
TOTAL	17.07	4.03	1.13	.48	.00	.00	6.12	29.63

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.26	2.90	.97	.00	.00	.00	2.74	22.87
5 TO 9	4.03	3.38	.16	.16	.16	.00	.16	8.05
10- UP	.00	3.54	1.61	.48	.00	.00	.00	5.64
TOTAL	20.29	9.82	2.74	.64	.16	.00	2.90	36.55

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.36	3.54	.32	.16	.00	.00	3.86	26.25
5 TO 9	3.22	3.06	.64	.00	.00	.00	.48	7.41
10- UP	.64	.48	.16	.00	.16	.00	.48	1.93
TOTAL	22.22	7.09	1.13	.16	.16	.00	4.83	35.59

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.18	.97	.16	.00	.00	.00	7.09	17.39
5 TO 9	5.48	.00	.16	.00	.00	.00	.32	5.96
10- UP	4.51	.97	.00	.00	.00	.00	1.61	7.09
TOTAL	19.16	1.93	.32	.00	.00	.00	9.02	30.43

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 7 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.92	1.93	.97	.32	.00	.00	2.90	18.04
5 TO 9	3.22	1.13	.16	.00	.16	.00	1.13	5.80
10- UP	.64	.48	.00	.00	.00	.00	.16	1.29
TOTAL	15.76	3.54	1.13	.32	.16	.00	4.19	25.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.62	3.36	1.61	.16	.00	.00	3.06	23.51
5 TO 9	3.66	3.70	.48	.32	.00	.00	.16	8.53
10- UP	.00	2.74	1.45	.16	.16	.00	.00	4.51
TOTAL	19.48	9.50	3.54	.64	.16	.00	3.22	36.55

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.26	3.86	.16	.00	.00	.00	3.06	23.35
5 TO 9	2.25	2.90	.81	.16	.00	.00	.97	7.09
10- UP	.32	.97	.32	.16	.00	.00	.16	1.93
TOTAL	18.84	7.73	1.29	.32	.00	.00	4.19	32.37

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.05	.97	.32	.00	.00	.00	6.60	15.94
5 TO 9	5.15	.16	.00	.00	.00	.00	.97	6.28
10- UP	3.38	1.93	.00	.00	.00	.00	1.77	7.09
TOTAL	16.59	3.06	.32	.00	.00	.00	9.34	29.31

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 8 NUMBER OBS. 621

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.63	3.22	.81	.16	.00	.00	5.80	20.61	12.40	3.38	1.77	.32	.16	.00	1.93	19.97
5 TO 9	3.70	.81	.46	.16	.00	.00	1.13	6.28	3.54	3.06	.16	.48	.16	.00	.16	7.57
10- UP	.48	.64	.00	.00	.00	.00	.00	1.13	.00	3.86	2.09	.16	.32	.00	.00	6.44
TOTAL	14.81	4.67	1.29	.32	.00	.00	6.92	28.02	15.94	10.31	4.03	.97	.64	.00	2.09	33.98

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	14.49	4.19	.16	.00	.00	.00	3.86	22.71	8.70	.64	.00	.16	.00	.00	4.83	14.33
5 TO 9	3.54	2.25	1.45	.00	.00	.00	.64	7.89	4.03	.81	.16	.00	.00	.00	1.13	6.12
10- UP	.48	.81	.32	.16	.16	.00	.16	2.09	5.15	1.93	.00	.00	.00	.00	1.29	8.37
TOTAL	18.52	7.25	1.93	.16	.16	.00	4.67	32.69	17.87	3.38	.16	.16	.00	.00	7.25	28.82

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 9 NUMBER OBS. 621

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.21	1.77	.64	.48	.00	.16	6.12	17.39	11.92	3.54	2.42	.16	.00	.00	2.74	20.77
5 TO 9	5.15	.97	.97	.32	.00	.00	.81	8.21	2.90	2.25	.97	.81	.00	.00	.00	6.92
10- UP	.64	1.13	.00	.16	.00	.00	.00	1.93	.16	4.83	2.74	1.13	.16	.16	.00	9.18
TOTAL	14.01	3.86	1.61	.97	.00	.16	6.92	27.54	14.98	10.63	6.12	2.09	.16	.16	2.74	36.88

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.04	4.35	.81	.00	.00	.00	2.56	20.77	11.11	1.45	.00	.00	.00	.00	3.54	16.10
5 TO 9	3.36	2.42	2.74	.16	.00	.00	.16	8.86	3.22	.16	.16	.16	.00	.00	.97	4.67
10- UP	.97	.97	.64	.16	.00	.16	.64	3.54	4.83	2.90	.16	.00	.00	.00	2.58	10.47
TOTAL	17.39	7.73	4.19	.32	.00	.16	3.36	33.17	19.16	4.51	.32	.16	.00	.00	7.09	31.24

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TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 10 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.34	1.61	.97	.16	.16	.00	5.64	17.87
5 TO 9	2.25	.81	.32	.48	.00	.00	.64	4.51
10- UP	.32	.81	.96	.32	.00	.00	.16	2.09
TOTAL	11.92	3.22	1.77	.97	.16	.08	6.44	24.48

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.59	2.42	1.93	.48	.00	.00	2.74	19.16
5 TO 9	3.38	3.86	1.61	1.45	.48	.00	.00	10.79
10- UP	.00	5.80	4.51	1.29	.16	.32	.00	12.08
TOTAL	14.98	12.08	8.05	3.22	.64	.32	2.74	42.03

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.47	3.70	.48	.16	.32	.00	2.90	18.04
5 TO 9	1.45	1.61	2.74	.48	.00	.00	.64	6.92
10- UP	1.45	.81	.64	.32	.32	.16	.81	4.51
TOTAL	13.37	6.12	3.86	.97	.64	.16	4.35	29.47

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.11	1.61	.32	.32	.00	.00	4.03	17.39
5 TO 9	3.70	.32	.16	.00	.00	.00	.97	5.15
10- UP	6.44	3.54	.16	.16	.00	.00	3.54	13.85
TOTAL	21.26	5.48	.64	.48	.00	.00	8.53	36.39

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 11 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.05	1.61	.32	.00	.16	.00	4.83	14.98
5 TO 9	1.77	1.45	1.13	.00	.00	.00	.81	5.15
10- UP	.81	1.77	1.13	.48	.00	.00	.16	4.35
TOTAL	10.63	4.83	2.58	.48	.16	.00	5.80	24.48

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.59	1.93	3.06	.48	.00	.00	1.29	18.36
5 TO 9	3.22	5.96	1.13	1.61	.32	.16	.16	12.56
10- UP	.16	5.80	5.64	1.45	.00	.00	.00	13.04
TOTAL	14.98	13.69	9.82	3.54	.32	.16	1.45	43.96

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.66	2.42	.32	.81	.48	.00	3.70	17.39
5 TO 9	2.09	.81	3.86	.32	.00	.16	.48	7.73
10- UP	1.77	1.45	.00	.81	.48	.00	1.13	5.64
TOTAL	13.53	4.67	4.19	1.93	.97	.16	5.31	30.76

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.31	2.09	.32	.32	.16	.00	2.74	15.94
5 TO 9	3.54	.32	.32	.00	.00	.00	1.45	5.64
10- UP	7.57	4.35	.00	.16	.00	.00	3.54	15.62
TOTAL	21.42	6.76	.64	.48	.16	.00	7.73	37.20

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TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 12 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.57	1.61	.81	.16	.00	.16	2.58	12.88
5 TO 9	2.90	.81	.64	.32	.00	.16	.64	5.48
10- UP	.64	2.25	1.13	.48	.00	.00	.32	4.83
TOTAL	11.11	4.67	2.56	.97	.00	.32	3.54	23.19

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.24	3.22	2.42	.16	.00	.00	2.58	20.61
5 TO 9	3.38	4.67	3.22	1.93	.97	.00	.16	14.33
10- UP	.00	6.92	5.31	1.45	.16	.00	.16	14.01
TOTAL	15.62	14.81	10.95	3.54	1.13	.00	2.90	48.95

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.73	3.22	.64	.64	.32	.00	1.93	14.49
5 TO 9	3.38	1.45	2.56	.97	.00	.00	.16	8.53
10- UP	2.09	1.45	.81	.97	.64	.00	.97	6.92
TOTAL	13.20	6.12	4.03	2.58	.97	.00	3.06	29.95

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.43	1.61	.97	.16	.00	.00	3.86	18.04
5 TO 9	4.67	.32	.00	.16	.00	.00	1.61	6.76
10- UP	6.92	5.31	.00	.00	.16	.00	4.63	17.23
TOTAL	23.03	7.25	.97	.32	.16	.00	10.31	42.03

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 13 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.57	1.93	.81	.16	.16	.00	4.51	15.14
5 TO 9	3.38	1.29	.64	.64	.16	.00	.16	6.28
10- UP	1.13	3.22	1.61	.48	.00	.00	.00	6.44
TOTAL	12.08	6.44	3.06	1.29	.32	.00	4.67	27.86

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.04	4.03	1.61	.64	.48	.00	2.58	22.38
5 TO 9	2.09	6.92	1.45	2.74	.32	.32	.16	14.01
10- UP	.16	5.96	6.28	1.13	.16	.16	.00	13.85
TOTAL	15.30	16.91	9.34	4.51	.97	.48	2.74	50.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.50	2.93	1.13	1.45	.48	.00	2.09	17.55
5 TO 9	2.58	2.25	2.39	1.45	.00	.00	.81	9.18
10- UP	1.93	1.77	.97	.64	.64	.16	1.29	7.41
TOTAL	14.01	6.92	4.19	3.54	1.13	.16	4.19	34.14

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.27	2.42	.48	.32	.00	.00	4.51	19.00
5 TO 9	4.03	1.13	.32	.16	.00	.00	2.25	7.89
10- UP	6.60	5.64	.32	.00	.00	.00	3.70	16.26
TOTAL	21.90	9.18	1.13	.48	.00	.00	10.47	43.16

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TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 14 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.44	2.25	1.29	.48	.32	.16	3.54	14.49
5 TO 9	4.03	.97	.96	.48	.00	.00	.48	6.44
10- UP	.64	2.25	2.25	.64	.00	.00	.16	5.96
TOTAL	11.11	5.48	4.03	1.61	.32	.16	4.19	26.89

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.08	3.86	3.06	.16	.00	.16	1.77	21.10
5 TO 9	3.54	7.41	1.77	1.93	1.29	.32	.16	16.43
10- UP	.16	5.31	7.89	1.61	.00	.16	.00	15.14
TOTAL	15.78	16.59	12.72	3.70	1.29	.49	1.93	52.66

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.86	5.48	.64	1.77	.97	.00	1.29	19.00
5 TO 9	2.90	1.77	2.74	.81	.16	.00	.48	8.86
10- UP	2.90	1.77	.64	.81	1.45	.16	.64	8.37
TOTAL	14.65	9.02	4.03	3.38	2.58	.16	2.42	36.23

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.95	2.09	.64	.16	.16	.00	2.90	16.91
5 TO 9	4.03	.81	.00	.16	.00	.00	2.58	7.57
10- UP	7.41	5.48	.32	.16	.00	.00	4.67	18.04
TOTAL	22.38	8.37	.97	.48	.16	.00	10.14	42.51

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 15 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.76	1.45	.61	.48	.16	.00	3.30	13.04
5 TO 9	2.56	1.29	.97	.81	.32	.00	.48	6.44
10- UP	1.13	3.54	2.09	.64	.00	.00	.16	7.57
TOTAL	10.47	6.28	3.86	1.93	.48	.00	4.03	27.05

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.59	4.35	3.06	.48	.16	.16	2.74	22.54
5 TO 9	2.25	8.05	2.74	2.90	.16	.32	.00	16.43
10- UP	.32	4.99	7.09	1.45	.16	.32	.16	14.49
TOTAL	14.17	17.39	12.88	4.83	.48	.61	2.90	53.46

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.37	3.54	1.13	1.61	.97	.16	2.25	18.04
5 TO 9	2.26	1.77	3.70	1.45	.00	.00	.64	9.82
10- UP	3.70	2.09	1.13	.81	.64	.32	.32	9.02
TOTAL	14.33	7.41	5.96	3.86	1.61	.48	3.22	36.88

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.02	3.06	.81	.32	.16	.00	3.70	17.07
5 TO 9	5.15	.48	.48	.16	.00	.00	1.61	7.89
10- UP	7.57	4.19	.16	.00	.00	.00	6.44	18.36
TOTAL	21.74	7.73	1.45	.48	.16	.00	11.76	43.32

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 16 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.98	.97	1.61	1.13	.16	.00	3.22	12.66
5 TO 9	3.36	1.29	.64	.64	.00	.00	.16	6.12
10- UP	1.13	2.90	2.42	.00	.00	.00	.00	6.44
TOTAL	9.98	5.15	4.67	1.77	.16	.00	3.38	25.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.18	4.19	3.70	.32	.32	.00	3.22	20.93
5 TO 9	3.06	5.76	3.22	3.38	.32	.32	.16	17.23
10- UP	.32	6.76	7.09	2.09	.16	.16	.00	16.59
TOTAL	12.56	17.71	14.01	5.80	.81	.48	3.38	54.75

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.09	2.90	1.61	1.29	.48	.16	1.29	14.81
5 TO 9	3.22	1.45	4.67	1.61	.00	.00	.64	11.59
10- UP	3.54	1.61	1.29	.64	.64	.16	.97	8.86
TOTAL	13.85	5.96	7.57	3.54	1.13	.32	2.90	35.27

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.53	3.06	.97	.32	.00	.00	3.70	16.59
5 TO 9	5.48	.81	.32	.00	.00	.00	1.77	8.37
10- UP	6.60	5.15	.16	.00	.00	.00	7.25	19.16
TOTAL	20.61	9.02	1.45	.32	.00	.00	12.72	44.12

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 17 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.64	2.25	1.45	.64	.48	.16	3.06	13.69
5 TO 9	2.25	1.93	.64	.00	.00	.00	.32	5.15
10- UP	1.13	3.22	1.61	.16	.00	.00	.48	6.28
TOTAL	9.02	7.41	3.70	.81	.48	.16	3.54	25.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.18	4.51	4.03	.32	.00	.00	2.42	20.45
5 TO 9	3.70	9.82	3.06	2.93	.32	.00	.16	19.97
10- UP	.32	5.96	5.80	1.93	.00	.16	.00	14.17
TOTAL	13.20	20.29	12.88	5.15	.32	.16	2.58	54.59

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.73	4.67	1.61	1.13	.00	.00	1.77	16.91
5 TO 9	2.58	1.93	4.67	1.45	.00	.00	.48	11.11
10- UP	3.54	1.61	.97	.97	.32	.16	.64	8.21
TOTAL	13.85	8.21	7.25	3.54	.32	.16	2.90	36.23

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.89	2.25	.64	.16	.00	.00	3.06	14.01
5 TO 9	5.31	.64	.16	.00	.00	.00	3.06	9.18
10- UP	9.34	3.22	.00	.00	.00	.00	7.09	19.65
TOTAL	22.54	6.12	.81	.16	.00	.00	13.20	42.83

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TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 18 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.25	3.86	1.61	.32	.32	.32	2.09	15.78
5 TO 9	3.86	1.77	1.13	.00	.00	.00	.16	6.92
10- UP	.97	1.13	.96	.00	.00	.00	2.58	
TOTAL	12.08	6.76	3.22	.32	.32	.32	2.25	25.26

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.65	5.48	3.22	.32	.00	.00	.97	24.64
5 TO 9	5.96	9.34	1.93	1.45	.16	.00	.16	19.00
10- UP	.00	5.64	4.19	.97	.32	.00	.00	11.27
TOTAL	20.61	20.45	9.34	2.74	.48	.16	1.13	54.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.66	6.12	1.29	.16	.16	.00	2.42	19.81
5 TO 9	3.86	2.74	4.03	.97	.00	.00	.64	12.24
10- UP	2.25	.81	.81	.32	.16	.16	.61	5.31
TOTAL	15.76	9.66	6.12	1.45	.32	.16	3.86	37.36

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.41	3.70	.16	.00	.00	.00	4.19	15.46
5 TO 9	6.21	.48	.16	.00	.00	.00	3.22	12.08
10- UP	6.92	3.06	.16	.00	.00	.00	4.67	14.81
TOTAL	22.54	7.25	.48	.00	.00	.00	12.08	42.35

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 19 NUMBER OBS. 620

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.23	4.03	1.29	.16	.32	.16	3.23	17.42
5 TO 9	4.35	2.90	.96	.32	.00	.00	.48	8.55
10- UP	.81	1.45	.32	.00	.00	.00	.00	2.58
TOTAL	13.39	8.39	2.10	.48	.32	.16	3.71	28.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.06	6.77	2.26	.16	.00	.16	.97	26.39
5 TO 9	6.29	9.68	.97	1.45	.00	.00	.16	18.55
10- UP	.00	6.45	3.23	.48	.00	.00	.00	10.16
TOTAL	24.35	22.90	6.45	2.10	.00	.16	1.13	57.10

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.77	8.06	.81	.65	.00	.00	1.29	27.58
5 TO 9	3.87	2.90	3.39	.81	.00	.00	1.29	12.26
10- UP	1.45	1.13	.48	.32	.16	.00	.81	4.35
TOTAL	22.10	12.10	4.68	1.77	.16	.00	3.39	44.19

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.74	1.77	.16	.00	.00	.00	5.16	14.84
5 TO 9	9.52	.65	.00	.00	.00	.00	2.90	13.06
10- UP	8.06	2.58	.00	.00	.00	.00	2.58	13.23
TOTAL	25.32	5.00	.16	.00	.00	.00	10.65	41.13

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TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 20 NUMBER OBS. 620

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.55	3.55	.81	.00	.32	.00	4.19	17.42	14.19	6.77	2.26	.32	.16	.00	2.26	25.97
5 TO 9	4.68	3.39	.32	.16	.00	.00	.00	8.55	5.97	6.77	.81	.65	.16	.00	.32	14.68
10- UP	.65	.97	.16	.16	.00	.00	.16	2.10	.00	6.61	3.39	.00	.00	.00	.00	10.00
TOTAL	13.07	7.90	1.29	.32	.32	.00	4.35	28.06	20.16	20.16	6.45	.97	.32	.00	2.58	50.55

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	14.19	6.55	.81	.16	.16	.00	2.58	26.45	6.77	2.58	.00	.00	.00	.00	5.48	14.84
5 TO 9	5.16	1.77	2.58	.48	.00	.16	1.13	11.29	7.42	.48	.00	.00	.00	.00	2.26	10.16
10- UP	1.29	.65	.65	.16	.16	.00	.48	3.39	8.67	2.42	.16	.00	.00	.00	.97	12.42
TOTAL	20.65	10.97	4.03	.81	.32	.16	4.19	41.13	23.06	5.48	.16	.00	.00	.00	8.71	37.42

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 21 NUMBER OBS. 620

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.04	3.23	.48	.00	.00	.00	5.81	19.35	14.35	9.03	1.45	.32	.00	.00	2.42	27.58
5 TO 9	5.97	3.06	.81	.16	.00	.00	1.13	11.13	5.48	4.52	.48	.81	.48	.00	.32	12.10
10- UP	1.29	.65	.16	.00	.00	.00	.16	2.26	.00	4.52	2.90	.48	.00	.00	.16	8.06
TOTAL	17.10	6.94	1.45	.16	.00	.00	7.10	32.74	19.84	18.06	4.84	1.61	.48	.00	2.90	47.74

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	17.26	13.16	.32	.00	.00	.00	2.58	30.32	6.55	.97	.16	.00	.00	.00	5.00	14.68
5 TO 9	5.81	2.10	1.94	.32	.00	.00	.97	11.13	7.26	.48	.00	.16	.00	.00	1.94	9.84
10- UP	1.29	.97	.48	.16	.32	.00	.97	4.19	5.65	2.90	.00	.16	.00	.00	1.61	10.32
TOTAL	24.35	13.23	2.74	.48	.32	.00	4.52	45.65	21.45	4.35	.16	.32	.00	.00	8.55	34.84

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TABLE 2.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 22 NUMBER OBS. 620

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	18.16	2.74	.97	.16	.16	.00	5.97	28.16	19.03	8.23	1.46	.00	.16	.00	.97	29.84
5 TO 9	6.61	2.10	.48	.32	.00	.00	.81	10.32	4.68	5.48	.16	1.29	.32	.00	.32	12.26
10- UP	.81	.81	.16	.00	.00	.00	.16	1.94	.32	4.68	2.26	.81	.00	.00	.00	8.86
TOTAL	17.58	5.65	1.61	.48	.16	.00	6.94	32.42	24.03	18.39	3.87	2.10	.48	.00	1.29	50.16

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	20.61	9.35	.32	.00	.00	.00	4.19	34.68	6.13	1.13	.00	.00	.00	.00	5.97	13.23
5 TO 9	5.16	2.26	1.94	.65	.00	.00	1.13	11.13	5.48	.16	.16	.00	.00	.00	1.94	7.74
10- UP	1.29	1.45	.96	.32	.32	.00	.65	4.52	7.42	2.10	.16	.00	.00	.00	1.45	11.13
TOTAL	27.26	13.06	2.74	.97	.32	.00	5.97	50.32	19.03	3.39	.32	.00	.00	.00	9.35	32.10

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 23 NUMBER OBS. 621

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.47	3.22	1.45	.16	.00	.00	3.86	19.16	23.77	7.57	1.77	.00	.00	.00	1.45	31.56
5 TO 9	4.35	1.77	.32	.16	.00	.00	1.61	8.21	7.25	3.06	.81	.64	.16	.16	.48	12.56
10- UP	.48	.16	.64	.00	.00	.00	.00	1.29	.00	4.35	2.25	.32	.16	.00	.00	7.09
TOTAL	15.30	5.15	2.42	.32	.00	.00	5.48	28.66	28.02	14.98	4.83	.97	.32	.16	1.93	51.21

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	20.29	7.69	.00	.00	.00	.00	4.51	32.69	5.96	.97	.16	.00	.00	.00	8.37	15.46
5 TO 9	3.70	1.77	2.25	.16	.00	.00	.81	8.70	6.06	.81	.16	.00	.00	.00	1.13	10.95
10- UP	1.29	.81	.00	.16	.32	.00	1.13	3.70	4.99	1.61	.16	.00	.00	.00	1.45	8.21
TOTAL	25.28	10.47	2.25	.32	.32	.00	6.44	45.09	19.81	3.38	.48	.00	.00	.00	10.95	34.62

TABLE 2.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF FEB.

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	20.05	10.11	9.95	13.96	36.06
03-05	23.06	13.03	10.06	13.66	40.40
06-08	21.08	11.24	10.05	15.53	38.52
09-11	21.03	10.32	11.51	13.05	45.15
12-14	20.05	10.75	9.95	14.44	36.38
15-17	17.26	8.33	8.92	11.21	34.60
18-20	19.04	10.43	9.41	14.35	34.46
21-23	21.99	11.58	10.41	16.09	35.60
00-23	20.94	10.28	10.27	14.12	37.76

*** RUNWAY 35 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	24.14	9.95	14.19	17.77	32.23
03-05	26.13	13.60	12.53	22.90	30.66
06-08	23.98	10.65	13.33	16.64	37.41
09-11	21.08	12.20	8.87	20.66	21.66
12-14	20.61	11.86	8.92	24.10	17.60
15-17	18.49	9.57	8.92	20.97	16.42
18-20	24.09	11.40	12.69	24.91	23.39
21-23	24.03	12.10	11.94	24.09	23.97
00-23	22.84	11.42	11.42	21.26	24.68

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*** RUNWAY 22 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	26.67	12.42	14.25	20.59	35.91
03-05	26.45	12.05	13.60	21.09	34.80
06-08	25.05	12.15	13.55	18.22	40.32
09-11	24.57	11.94	12.63	17.32	40.66
12-14	21.06	11.45	9.62	17.21	28.76
15-17	18.35	9.16	9.19	14.37	25.52
18-20	23.05	12.03	10.97	21.36	26.64
21-23	26.71	15.00	11.71	20.27	29.21
00-23	24.39	12.20	12.19	19.54	32.43

*** RUNWAY 4 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	24.09	10.91	13.17	16.92	41.32
03-05	22.31	11.61	10.70	16.16	37.93
06-08	22.39	11.34	12.04	16.08	40.86
09-11	23.71	13.28	10.43	20.41	29.65
12-14	23.06	12.42	10.65	21.63	25.00
15-17	21.72	10.91	10.81	19.31	24.85
18-20	21.45	9.84	11.61	16.60	26.76
21-23	24.30	11.67	12.63	17.66	37.24
00-23	23.00	11.50	11.51	17.66	32.31

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TABLE 2.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF FEB.

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	8.69	4.23	1.04	13.96
03-05	9.49	3.60	.59	13.68
06-08	11.22	3.49	.82	15.53
09-11	9.08	2.67	1.33	13.85
12-14	8.71	3.12	2.61	14.44
15-17	6.44	2.53	2.24	11.21
18-20	8.06	4.51	1.76	14.35
21-23	9.04	5.39	.86	16.09
00-23	9.03	3.67	1.41	14.12

*** RUNWAY 35 ***

GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
14.22	3.07	.48	17.77
19.82	2.44	.63	22.90
13.73	2.17	.67	16.54
14.47	4.28	1.91	20.66
16.25	6.00	1.85	24.10
10.95	6.48	3.53	20.97
17.74	5.99	1.16	24.91
19.49	3.85	.75	24.09
15.83	4.12	1.31	21.26

2.4B

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	15.51	4.55	.53	20.59
03-05	17.48	3.62	.33	21.39
06-08	14.74	3.08	.40	18.22
09-11	13.13	3.51	.70	17.32
12-14	11.71	4.28	1.21	17.21
15-17	9.66	3.70	1.01	14.37
18-20	16.55	4.55	.27	21.36
21-23	22.80	4.56	.91	28.27
00-23	14.96	3.95	.64	19.54

*** RUNWAY 4 ***

GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
9.23	3.79	3.00	16.02
10.19	3.30	2.70	16.18
10.90	2.82	2.36	16.08
13.55	2.48	4.38	20.41
14.33	3.00	4.31	21.63
10.56	3.14	5.61	19.31
8.12	4.96	3.43	16.50
8.87	5.78	3.01	17.66
10.68	3.65	3.53	17.86

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TABLE 2.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (FEBRUARY, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 2/43 - 2/68
MONTH OF RECORD - 2
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	1.32	.26	3.29	2.46	2.57	.3180	597
1	2.02	-.16	5.83	3.81	11.21	.5053	610
2	1.21	-1.72	7.25	6.53	16.12	.3409	597
3	4.06	-3.15	7.81	8.51	13.81	.2078	557
4	6.65	-3.99	8.59	10.43	14.37	.1604	536
5	8.92	-4.24	10.20	12.24	17.91	.1436	508
6	10.76	-5.03	11.24	13.62	24.32	.1589	493
7	13.16	-5.70	12.53	14.94	33.74	.1602	445
8	15.68	-5.53	14.54	16.56	48.12	.1999	438
9	18.17	-5.48	16.16	17.72	71.27	.2487	436
10	20.62	-5.54	17.09	18.49	90.14	.2853	426
11	23.48	-5.60	17.69	17.14	71.30	.2351	423
12	25.79	-5.07	16.89	15.73	70.19	.2642	420
13	25.28	-5.05	14.71	13.88	57.17	.2601	414
14	23.31	-4.38	12.28	11.44	48.10	.3423	408
15	20.90	-3.93	10.56	9.48	27.08	.2705	394
16	18.31	-3.44	9.53	8.22	19.09	.2439	390
17	15.05	-3.00	8.27	7.18	15.26	.2570	371
18	11.40	-2.84	7.29	5.88	9.92	.2314	363
19	8.22	-2.70	6.74	4.76	8.37	.2612	360
20	5.73	-2.75	7.07	4.28	5.37	.1772	354
21	3.42	-2.53	7.16	4.00	5.08	.1774	348
22	1.95	-1.91	7.29	3.98	5.42	.1868	340
23	1.26	-1.95	8.06	3.62	6.53	.2237	335
24	1.04	-1.86	9.36	3.64	6.37	.1868	314
25	1.06	-1.60	10.21	3.68	5.99	.1595	306
26	1.90	-.89	11.66	3.89	10.35	.2283	294
27	2.47	-.71	12.95	4.02	21.60	.4147	272

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

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MARCH

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TABLE 3.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF MARCH

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	37.44	27.52	9.82	2.49	.29	.10	22.34	2096
03-05	35.78	23.12	8.50	2.59	.15	.00	29.86	2096
06-08	33.06	20.63	9.53	3.23	.54	.10	35.92	2096
09-11	23.02	20.33	15.74	7.28	1.61	.23	31.82	2096
12-14	23.56	25.12	19.21	9.97	2.64	1.03	18.48	2096
15-17	20.33	28.01	23.17	11.83	3.23	.54	12.90	2096
18-20	25.56	40.66	17.89	5.18	1.17	.29	9.24	2096
21-23	35.09	32.64	12.95	3.62	.49	.05	14.96	2096
00-23	26.46	27.28	14.60	5.77	1.26	.29	21.94	16368

3.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	46.48	18.08	4.06	.73	.54	.10	30.01	2096
03-05	43.33	14.66	3.37	.59	.10	.05	37.93	2096
06-08	37.39	15.35	3.76	1.12	.44	.05	41.89	2096
09-11	36.27	13.68	7.53	3.27	1.12	.05	37.88	2096
12-14	35.43	18.43	9.38	5.28	1.91	.44	29.13	2096
15-17	34.41	18.38	10.07	6.01	1.81	.49	28.84	2096
18-20	45.11	19.11	6.55	2.64	.64	.34	25.61	2096
21-23	49.07	21.02	4.79	1.52	.54	.10	22.97	2096
00-23	40.93	17.36	6.19	2.65	.89	.20	31.78	16368

3.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	43.40	14.86	3.76	.49	.24	.00	37.24	2096
03-05	40.22	11.83	3.27	.24	.05	.00	44.38	2096
06-08	34.31	12.61	3.71	.68	.29	.00	48.39	2096
09-11	33.82	13.05	6.40	2.39	.76	.00	43.55	2096
12-14	36.07	18.04	7.72	3.03	1.61	.24	33.28	2096
15-17	36.17	19.16	8.11	3.91	1.08	.20	31.38	2096
18-20	47.65	16.42	6.06	1.81	.44	.10	27.52	2096
21-23	47.36	17.11	4.84	.78	.29	.00	29.62	2096
00-23	39.88	15.38	5.42	1.67	.60	.07	36.92	16368

3.1C

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TABLE 3.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF MARCH

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	22.92	11.93	2.44	2046	24.83	14.57	9.38
03-05	19.35	10.26	1.32	2046	25.02	12.12	9.58
06-08	19.99	9.97	1.81	2046	21.11	10.26	9.43
09-11	16.52	8.06	4.30	2046	17.45	14.91	15.20
12-14	14.76	6.60	7.67	2046	19.40	19.99	18.77
15-17	12.76	7.53	9.53	2046	16.13	21.26	23.70
18-20	14.52	9.24	4.20	2046	23.22	24.88	18.13
21-23	20.97	13.59	2.69	2046	25.56	16.72	13.10
00-23	17.72	9.65	4.25	16368	21.59	16.84	14.66

3.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	32.26	15.49	5.23	2046	9.73	11.00	12.32
03-05	26.00	13.59	3.71	2046	12.32	9.43	12.51
06-08	24.68	12.27	5.03	2046	12.22	6.84	11.44
09-11	17.55	11.05	9.92	2046	13.25	6.21	17.99
12-14	17.69	12.46	12.12	2046	15.74	7.43	21.46
15-17	15.88	12.46	14.76	2046	10.95	8.55	27.76
18-20	17.64	16.03	9.24	2046	10.61	15.35	24.58
21-23	30.50	17.84	5.82	2046	10.12	11.73	16.57
00-23	22.80	13.90	8.23	16368	11.96	9.57	18.08

3.2B

TABLE 3.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 0 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.14	.96	1.76	.44	.00	.00	6.60	24.34
5 TO 9	7.62	2.49	1.03	.29	.00	.00	1.03	12.46
10- UP	.29	1.76	.73	.15	.00	.00	.29	3.23
TOTAL	19.06	8.65	3.52	.88	.00	.00	7.92	40.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	9.09	2.49	.15	.00	.15	1.03	23.17
5 TO 9	7.04	6.79	.44	1.17	.15	.00	.00	15.59
10- UP	.00	5.72	3.96	.29	.00	.00	.15	10.12
TOTAL	17.30	21.55	6.89	1.61	.15	.15	1.17	48.83

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.26	9.62	.73	.44	.15	.00	5.43	32.84
5 TO 9	6.79	3.96	2.79	.44	.00	.15	2.05	16.13
10- UP	3.52	1.32	.29	.15	.29	.00	.88	6.45
TOTAL	26.54	15.10	3.81	1.03	.44	.15	8.36	55.43

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.67	.73	.15	.00	.00	.00	3.61	8.36
5 TO 9	9.09	.44	.00	.00	.00	.00	1.61	11.14
10- UP	8.65	2.49	.00	.15	.00	.00	2.64	13.93
TOTAL	21.41	3.67	.15	.15	.00	.00	8.06	33.43

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 1 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.44	4.69	1.61	.29	.00	.00	5.72	23.90
5 TO 9	7.04	3.23	.86	.00	.00	.00	1.03	12.17
10- UP	.59	.73	.59	.15	.00	.00	.29	2.35
TOTAL	19.06	8.80	3.08	.44	.00	.00	7.04	38.42

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.45	9.38	2.79	.00	.00	.00	1.76	24.78
5 TO 9	7.48	6.16	.29	.88	.15	.00	.00	14.96
10- UP	.00	4.69	3.37	1.17	.00	.00	.00	9.24
TOTAL	18.33	20.23	6.45	2.05	.15	.00	1.76	48.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.26	9.68	.44	.15	.15	.00	5.72	32.40
5 TO 9	7.16	3.81	3.37	.29	.00	.15	1.76	16.57
10- UP	2.49	1.47	.15	.00	.15	.00	.44	4.69
TOTAL	25.95	14.96	3.96	.44	.29	.15	7.92	53.67

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.81	1.32	.00	.00	.00	.00	5.28	10.41
5 TO 9	9.62	.15	.00	.00	.00	.00	1.32	11.29
10- UP	7.92	2.35	.00	.00	.00	.00	1.76	12.02
TOTAL	21.55	3.81	.00	.00	.00	.00	8.36	33.72

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TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 2 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.14	2.93	.88	.44	.00	.00	5.13	20.53
5 TO 9	6.16	2.49	1.03	.29	.00	.00	1.17	11.14
10- UP	.00	1.03	.59	.15	.00	.00	.00	1.76
TOTAL	17.30	6.45	2.49	.88	.00	.00	6.30	33.43

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.81	6.36	2.79	.00	.00	.00	.88	26.54
5 TO 9	6.30	4.40	1.17	1.03	.29	.00	.00	13.20
10- UP	.29	4.40	3.08	.59	.29	.15	.00	8.80
TOTAL	21.41	16.86	7.04	1.61	.59	.15	.88	48.53

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.16	8.80	.59	.15	.59	.00	4.25	31.52
5 TO 9	4.84	3.37	3.52	.29	.00	.00	1.76	13.78
10- UP	2.05	1.32	.00	.00	.29	.00	.88	4.55
TOTAL	24.05	13.49	4.11	.44	.88	.00	6.89	49.85

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.84	.88	.00	.15	.00	.00	4.55	10.41
5 TO 9	7.92	.44	.00	.00	.00	.00	2.20	10.56
10- UP	7.18	1.91	.15	.00	.00	.00	1.76	11.00
TOTAL	19.94	3.23	.15	.15	.00	.00	8.50	31.96

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 3 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.36	3.67	.88	.29	.00	.00	4.40	17.60
5 TO 9	7.04	3.52	.73	.15	.00	.00	.88	12.32
10- UP	.00	.59	.44	.15	.00	.00	.15	1.32
TOTAL	15.40	7.77	2.05	.59	.00	.00	5.43	31.23

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.76	5.72	2.79	.00	.00	.00	2.49	23.75
5 TO 9	7.33	4.69	.59	.88	.15	.00	.00	13.64
10- UP	.29	6.30	3.52	1.17	.15	.00	.00	11.44
TOTAL	20.38	16.72	6.89	2.05	.29	.00	2.49	48.83

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.37	5.72	.00	.44	.00	.00	3.81	24.34
5 TO 9	6.45	3.37	3.08	.00	.00	.00	1.61	14.52
10- UP	2.05	.59	.15	.15	.15	.00	.88	3.96
TOTAL	22.87	9.68	3.23	.59	.15	.00	6.30	42.82

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.11	.73	.00	.00	.00	.00	7.18	12.02
5 TO 9	7.62	.73	.15	.00	.00	.00	1.47	11.14
10- UP	7.62	3.08	.15	.00	.00	.00	3.23	14.08
TOTAL	20.53	4.55	.29	.00	.00	.00	11.88	37.24

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TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 4 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	3.67	1.17	.73	.00	.00	4.11	19.94
5 TO 9	5.43	2.35	.86	.29	.00	.00	.73	9.68
10- UP	.44	.44	.15	.00	.00	.00	.00	1.03
TOTAL	16.13	6.45	2.20	1.03	.00	.00	4.84	30.65

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.25	7.18	1.76	.00	.00	.00	.88	25.07
5 TO 9	5.13	4.99	.29	1.03	.00	.00	.00	11.44
10- UP	.15	5.43	3.37	.73	.00	.00	.00	9.68
TOTAL	20.53	17.60	5.43	1.76	.00	.00	.88	46.19

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.64	7.04	.15	.15	.00	.00	4.40	25.37
5 TO 9	5.28	2.93	2.35	.29	.00	.00	1.61	12.46
10- UP	2.20	.88	.44	.00	.00	.00	.59	4.11
TOTAL	21.11	10.85	2.93	.44	.00	.00	6.60	41.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.87	1.32	.00	.15	.00	.00	5.28	12.61
5 TO 9	6.74	.29	.29	.00	.00	.00	2.20	9.53
10- UP	8.50	1.76	.00	.15	.00	.00	2.05	12.46
TOTAL	21.11	3.37	.29	.29	.00	.00	9.53	34.60

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 5 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.38	3.37	1.32	.59	.00	.00	5.87	20.53
5 TO 9	4.25	2.49	.59	.00	.00	.00	1.47	8.80
10- UP	.73	.59	.29	.00	.00	.00	1.61	3.37
TOTAL	14.37	6.45	2.20	.59	.00	.00	7.33	33.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.25	6.89	2.49	.15	.15	.00	1.32	26.25
5 TO 9	5.28	4.25	.88	.88	.00	.00	.00	11.29
10- UP	.15	3.37	3.37	.73	.00	.00	.00	7.62
TOTAL	20.67	14.52	6.74	1.76	.15	.00	1.32	45.16

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.33	7.04	.00	.15	.15	.15	2.49	28.30
5 TO 9	4.84	3.96	2.93	.15	.00	.00	1.91	13.78
10- UP	1.32	.88	.29	.15	.00	.00	.44	3.08
TOTAL	24.49	11.88	3.23	.44	.15	.15	4.84	45.16

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.74	1.47	.00	.00	.00	.00	4.11	12.32
5 TO 9	6.74	.29	.00	.00	.00	.00	.59	7.62
10- UP	6.30	1.91	.15	.00	.00	.00	2.64	11.00
TOTAL	19.79	3.67	.15	.00	.00	.00	7.33	30.94

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TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 6 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.14	3.52	1.61	.29	.00	.00	4.69	21.26
5 TO 9	3.13	2.79	.73	.29	.15	.00	1.61	10.70
10- UP	.29	.29	.44	.00	.00	.00	.00	1.03
TOTAL	16.57	6.60	2.79	.59	.15	.00	6.30	32.99

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.90	6.01	2.49	.00	.00	.00	2.20	23.61
5 TO 9	4.55	3.96	1.03	.59	.00	.00	.00	10.12
10- UP	.00	4.55	3.08	.88	.00	.00	.00	8.50
TOTAL	17.45	14.52	6.60	1.47	.00	.00	2.20	42.23

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.08	6.74	.15	.29	.29	.00	4.69	26.25
5 TO 9	4.99	3.81	2.05	.29	.00	.00	1.76	12.90
10- UP	1.76	1.17	.15	.00	.00	.00	.59	3.67
TOTAL	20.82	11.73	2.35	.59	.29	.00	7.04	42.82

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.74	.88	.00	.00	.00	.00	5.87	13.49
5 TO 9	5.87	.29	.15	.00	.00	.00	1.61	7.92
10- UP	6.45	2.35	.00	.00	.00	.00	2.35	10.85
TOTAL	19.06	3.23	.15	.00	.00	.00	9.62	32.26

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 7 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	3.23	1.32	.15	.00	.15	6.01	20.38
5 TO 9	4.99	1.61	1.03	.15	.15	.00	1.03	8.99
10- UP	.15	1.03	.73	.15	.00	.00	.15	2.20
TOTAL	14.66	5.87	3.06	.44	.15	.15	7.18	31.52

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.12	6.74	2.49	.00	.00	.00	1.76	21.11
5 TO 9	4.55	3.81	.44	.88	.15	.00	.29	10.12
10- UP	.00	3.37	3.67	1.03	.29	.00	.00	8.36
TOTAL	14.66	13.93	6.60	1.91	.44	.00	2.05	39.59

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.94	7.04	.15	.73	.15	.00	4.11	26.10
5 TO 9	4.55	2.49	3.37	.15	.15	.00	.73	11.44
10- UP	1.91	1.03	.15	.29	.15	.00	.88	4.40
TOTAL	20.38	10.56	3.67	1.17	.44	.00	5.72	41.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.01	1.17	.00	.00	.00	.00	4.55	11.73
5 TO 9	5.28	.59	.00	.00	.00	.00	.88	6.74
10- UP	6.60	1.76	.00	.15	.00	.00	2.20	10.70
TOTAL	17.69	3.52	.00	.15	.00	.00	7.52	29.18

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 8 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.65	2.49	1.61	.73	.00	.00	4.84	18.33
5 TO 9	5.26	2.20	1.32	.59	.00	.00	.88	10.26
10- UP	.59	1.17	.15	.29	.00	.00	.00	2.20
TOTAL	14.52	5.87	3.08	1.61	.00	.00	5.72	30.79

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.80	5.28	2.49	.15	.15	.00	1.76	18.62
5 TO 9	3.67	3.96	.44	1.91	.59	.00	.00	10.56
10- UP	.00	5.87	3.67	1.61	.15	.15	.00	11.44
TOTAL	12.46	15.10	6.60	3.67	.88	.15	1.76	40.62

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.41	8.80	.44	.29	.00	.00	3.96	21.70
5 TO 9	3.81	2.64	3.81	.73	.15	.00	1.32	12.46
10- UP	2.64	2.20	.44	.29	.44	.15	.88	7.04
TOTAL	16.86	11.44	4.69	1.32	.59	.15	6.16	41.20

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.18	1.17	.15	.00	.00	.00	2.93	11.44
5 TO 9	4.40	.15	.29	.00	.00	.00	1.03	5.87
10- UP	5.57	4.25	.00	.15	.00	.00	2.79	12.76
TOTAL	17.16	5.57	.44	.15	.00	.00	6.74	30.06

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 9 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.06	.73	1.17	1.32	.00	.00	5.87	17.16
5 TO 9	4.11	2.05	1.61	.29	.15	.00	.73	8.94
10- UP	.88	.88	1.17	.29	.00	.00	3.23	6.45
TOTAL	13.05	3.67	3.96	1.91	.15	.00	6.60	29.33

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.62	3.37	3.08	.29	.29	.00	1.76	16.42
5 TO 9	2.49	4.99	1.32	2.79	.44	.15	.59	12.76
10- UP	.00	5.87	5.57	2.05	.15	.15	.00	13.78
TOTAL	10.12	14.22	9.97	5.13	.88	.29	2.35	42.96

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.56	4.11	.59	.15	.00	.00	2.79	18.33
5 TO 9	3.08	1.76	3.96	1.47	.00	.00	.73	11.00
10- UP	3.23	1.32	.88	1.03	.59	.08	1.61	8.65
TOTAL	16.86	7.18	5.43	2.69	.73	.08	5.13	37.98

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	.44	.15	.44	.03	.00	1.91	10.85
5 TO 9	3.52	.29	.44	.15	.00	.00	1.61	6.01
10- UP	7.92	3.52	.29	.15	.15	.00	4.99	17.01
TOTAL	19.35	4.25	.88	.73	.15	.00	8.50	33.87

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TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 10 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.30	1.17	2.05	1.03	.29	.08	4.40	15.25
5 TO 9	3.23	1.76	1.03	.44	.44	.00	.44	7.33
10- UP	.73	1.47	1.32	.73	.00	.00	.00	4.25
TOTAL	10.26	4.40	4.40	2.20	.73	.08	4.84	26.83

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	3.23	2.79	.29	.29	.00	2.35	18.04
5 TO 9	3.23	5.72	1.61	3.67	.44	.00	.00	14.66
10- UP	.29	5.72	7.48	1.76	.29	.00	.29	15.84
TOTAL	12.61	14.66	11.88	5.72	1.03	.00	2.64	48.53

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.68	3.96	1.17	.15	.29	.15	2.20	17.60
5 TO 9	3.23	1.17	4.55	1.47	.00	.00	.59	11.00
10- UP	3.52	2.64	.73	1.32	.29	.00	1.32	9.82
TOTAL	16.42	7.77	6.45	2.93	.59	.15	4.11	38.42

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.60	1.61	.59	.15	.15	.00	3.52	12.61
5 TO 9	3.52	.44	.29	.29	.00	.00	1.17	5.72
10- UP	8.60	4.84	.00	.29	.00	.00	4.40	18.33
TOTAL	16.91	6.89	.88	.73	.15	.00	9.09	36.66

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 11 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.48	2.79	2.05	.73	.29	.15	3.67	17.16
5 TO 9	3.23	1.61	1.47	1.03	.00	.00	.59	7.92
10- UP	1.32	1.47	2.06	.44	.15	.00	.00	5.43
TOTAL	12.02	5.87	5.57	2.20	.44	.15	4.25	30.50

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.60	3.52	2.93	.15	.00	.00	2.49	17.89
5 TO 9	2.64	8.21	2.05	2.64	1.47	.15	.15	17.30
10- UP	.44	6.89	6.60	1.91	.15	.00	.00	15.98
TOTAL	11.68	18.62	11.58	4.69	1.61	.15	2.64	51.17

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.45	4.84	1.47	.88	.15	.00	2.93	16.72
5 TO 9	3.23	1.32	4.99	.88	.00	.00	.73	11.14
10- UP	4.55	1.91	1.32	.59	1.61	.00	1.32	11.29
TOTAL	14.22	8.06	7.77	2.35	1.76	.00	4.99	39.15

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	2.35	.88	.29	.00	.00	2.79	16.28
5 TO 9	4.11	.73	.15	.15	.00	.00	1.76	6.89
10- UP	8.94	4.40	.15	.00	.00	.00	5.13	18.62
TOTAL	23.02	7.48	1.17	.44	.00	.00	9.68	41.79

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TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 12 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.63	2.49	2.05	.88	.59	.44	3.08	16.13
5 TO 9	3.81	1.47	.88	.00	.00	.00	.59	6.79
10- UP	.29	2.64	2.93	.73	.00	.00	.00	6.60
TOTAL	10.70	6.60	5.87	1.61	.59	.44	3.67	29.47

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.00	3.96	3.96	.44	.15	.00	2.20	21.70
5 TO 9	2.64	8.21	2.64	2.93	1.47	.59	.00	18.48
10- UP	.29	6.01	7.04	2.79	.15	.00	.15	16.92
TOTAL	13.93	18.18	13.64	6.16	1.76	.59	2.35	56.60

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.62	5.43	1.47	2.05	.29	.15	2.49	19.50
5 TO 9	4.25	1.76	5.43	1.47	.00	.15	.44	13.49
10- UP	3.52	1.76	1.03	1.47	1.47	.15	1.47	10.85
TOTAL	15.40	8.94	7.92	4.99	1.76	.44	4.40	43.84

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.06	2.64	.44	.44	.00	.00	4.55	16.13
5 TO 9	4.11	.44	.59	.00	.00	.00	1.47	6.60
10- UP	6.65	4.84	.29	.00	.00	.00	5.43	19.21
TOTAL	20.82	7.92	1.32	.44	.00	.00	11.44	41.94

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 13 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.57	2.35	2.49	.59	.73	.29	2.93	14.96
5 TO 9	3.37	1.17	.15	.88	.15	.00	.59	6.30
10- UP	1.32	2.79	1.91	1.03	.29	.00	.00	7.33
TOTAL	10.26	6.30	4.55	2.49	1.17	.29	3.52	28.59

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	3.96	2.64	.59	.15	.15	1.47	18.91
5 TO 9	4.40	8.65	2.79	3.23	1.17	.44	.00	20.67
10- UP	.15	5.57	9.24	3.67	.15	.00	.15	18.91
TOTAL	14.52	18.18	14.66	7.48	1.47	.59	1.61	58.50

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.30	4.69	1.91	1.32	.29	.00	1.61	16.13
5 TO 9	3.37	2.35	4.69	1.17	.15	.15	.29	12.17
10- UP	2.64	2.64	1.61	1.17	1.61	.08	1.91	11.68
TOTAL	12.32	9.68	8.21	3.67	2.05	.15	3.81	39.88

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	3.81	.88	.29	.00	.00	2.35	16.28
5 TO 9	5.28	.59	.73	.00	.00	.00	2.05	8.65
10- UP	9.80	5.28	.29	.00	.15	.00	7.48	21.99
TOTAL	23.02	9.68	1.91	.29	.15	.00	11.88	46.92

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TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 14 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.11	2.93	1.47	.88	.44	.29	3.08	13.20
5 TO 9	2.79	1.32	.88	1.17	.00	.15	.44	6.74
10- UP	1.32	3.52	2.49	1.47	.00	.00	.29	9.09
TOTAL	6.21	7.77	4.84	3.52	.44	.44	3.81	29.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.68	3.67	2.20	.73	.15	.00	1.17	17.68
5 TO 9	3.67	8.94	2.20	3.81	1.91	.29	.00	20.82
10- UP	.15	6.01	9.82	4.11	.44	.44	.00	20.97
TOTAL	13.49	18.62	14.22	8.65	2.49	.73	1.17	59.38

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.30	5.87	1.32	2.20	.29	.00	1.47	17.45
5 TO 9	2.93	1.91	4.40	2.20	.00	.15	.15	11.73
10- UP	3.81	2.35	1.76	1.91	1.47	.59	2.05	13.93
TOTAL	13.05	10.12	7.48	6.30	1.76	.73	3.67	43.11

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.18	3.81	1.03	.00	.00	.00	2.79	14.81
5 TO 9	4.25	.73	.29	.15	.00	.00	1.61	7.04
10- UP	10.26	4.40	.00	.00	.00	.00	8.50	23.17
TOTAL	21.70	8.94	1.32	.15	.00	.00	12.90	45.01

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 15 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.43	3.08	1.33	1.17	.73	.29	2.49	14.22
5 TO 9	3.37	2.05	1.03	.88	.15	.00	.15	7.62
10- UP	1.47	2.35	3.23	.88	.29	.00	.15	8.36
TOTAL	10.26	7.48	5.26	2.93	1.17	.29	2.79	30.21

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.65	3.08	2.93	.44	.59	.00	.44	16.13
5 TO 9	4.99	9.24	2.35	3.81	2.05	.15	.00	22.58
10- UP	.15	5.72	10.86	4.84	.15	.29	.00	21.99
TOTAL	13.78	18.04	16.13	9.09	2.79	.44	.44	60.70

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.18	4.25	1.32	1.47	.44	.29	1.17	16.13
5 TO 9	2.93	2.49	4.69	1.91	.15	.00	.88	13.05
10- UP	2.64	2.64	2.35	2.35	1.61	.29	2.35	14.22
TOTAL	12.76	9.38	8.36	5.72	2.20	.59	4.40	43.40

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.45	3.37	.44	.15	.00	.00	2.05	12.46
5 TO 9	5.28	1.17	.15	.00	.00	.00	1.61	8.21
10- UP	10.26	5.87	.15	.00	.00	.00	10.26	26.54
TOTAL	21.99	10.41	.73	.15	.00	.00	13.93	47.21

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TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 16 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.26	2.49	1.61	1.61	.59	.29	1.91	12.76	6.46	3.08	2.79	1.17	.29	.00	1.47	15.25
5 TO 9	2.49	1.32	2.05	.88	.00	.00	.73	7.48	3.81	8.50	2.93	3.67	.88	.15	.00	19.94
10- UP	1.47	4.99	2.64	1.17	.00	.00	.00	10.26	.00	6.74	11.73	5.13	.88	.15	.00	24.63
TOTAL	8.21	8.80	6.30	3.67	.59	.29	2.64	30.50	10.26	18.33	17.46	9.97	2.05	.29	1.47	59.82

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.60	3.23	1.76	2.64	.88	.00	1.03	16.13	4.55	2.64	.88	.15	.00	.00	2.49	10.70
5 TO 9	2.49	1.61	3.23	2.93	.59	.15	.44	11.44	5.28	.44	.29	.00	.00	.00	2.64	8.65
10- UP	5.26	2.79	3.37	1.17	.73	.15	2.05	15.54	10.12	6.16	.00	.00	.00	.00	10.85	27.13
TOTAL	14.37	7.62	8.36	6.74	2.20	.29	3.52	43.11	19.94	9.24	1.17	.15	.00	.00	15.98	46.48

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 17 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	3.06	2.93	1.76	.59	1.17	.00	1.76	11.29	7.33	3.96	3.23	1.47	.44	.00	.59	17.01
5 TO 9	2.93	1.76	1.91	.88	.00	.00	.00	7.48	3.96	9.24	3.23	3.52	1.03	.15	.15	21.26
10- UP	1.47	4.84	2.64	.88	.15	.00	.00	9.97	.00	9.39	12.17	2.79	.29	.15	.00	24.49
TOTAL	7.48	9.53	6.30	2.35	1.32	.00	1.76	28.74	11.29	22.29	18.62	7.77	1.76	.29	.73	62.76

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.43	4.25	2.79	2.05	.44	.00	1.47	15.40	4.11	2.49	.59	.00	.00	.15	2.35	9.68
5 TO 9	3.52	1.91	5.13	1.76	.15	.29	.15	12.90	4.84	.88	.00	.00	.00	.00	3.08	8.80
10- UP	4.69	2.49	2.79	1.47	.44	.15	2.49	14.52	12.61	6.45	.29	.00	.00	.00	10.26	29.62
TOTAL	12.61	8.65	10.70	5.28	1.03	.44	4.11	42.82	21.56	9.82	.88	.00	.00	.15	15.69	48.09

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 18 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.23	3.37	2.93	1.32	.59	.15	1.32	12.93
5 TO 9	2.35	2.93	2.49	.15	.00	.00	.15	8.06
10- UP	.66	3.67	1.76	.29	.00	.00	.00	6.60
TOTAL	6.45	9.97	7.18	1.76	.59	.15	1.47	27.57

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.36	6.45	3.52	.44	.00	.15	.88	19.79
5 TO 9	4.11	13.34	4.11	2.93	.15	.00	.00	24.63
10- UP	.15	9.97	7.48	2.35	.29	.15	.00	20.38
TOTAL	12.61	29.77	15.10	5.72	.44	.29	.88	64.81

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.40	4.99	1.76	1.47	.44	.15	1.32	14.52
5 TO 9	4.11	4.11	4.84	1.61	.00	.29	.44	15.40
10- UP	4.25	2.05	1.61	1.17	.15	.15	1.47	10.85
TOTAL	12.76	11.14	8.21	4.25	.59	.59	3.23	40.76

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.28	2.35	.00	.15	.15	.00	2.64	10.56
5 TO 9	6.60	.29	.00	.00	.00	.00	4.40	11.29
10- UP	13.05	4.84	.00	.00	.00	.00	11.14	29.03
TOTAL	24.93	7.48	.00	.15	.15	.00	18.18	50.88

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 19 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.28	4.69	2.64	.44	.44	.15	1.17	14.81
5 TO 9	2.49	2.93	2.35	.29	.00	.00	.15	8.21
10- UP	.44	1.32	1.17	.29	.00	.00	.29	3.52
TOTAL	8.21	8.94	6.16	1.03	.44	.15	1.61	26.54

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.58	7.92	4.40	.15	.00	.00	.73	24.78
5 TO 9	6.21	14.22	1.17	1.91	.29	.29	.00	26.10
10- UP	.15	9.82	6.74	1.32	.29	.00	.00	18.33
TOTAL	19.94	31.96	12.32	3.37	.59	.29	.73	69.21

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.60	7.18	1.17	.15	.00	.15	2.05	17.30
5 TO 9	4.25	2.79	5.13	.88	.15	.15	1.91	15.25
10- UP	4.25	1.91	.29	.73	.29	.15	1.47	9.09
TOTAL	15.10	11.88	6.60	1.76	.44	.44	5.43	41.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.57	1.91	.15	.00	.00	.00	3.52	11.14
5 TO 9	12.76	.29	.00	.00	.00	.00	5.72	18.77
10- UP	14.37	3.23	.00	.00	.00	.00	5.87	23.46
TOTAL	32.70	5.43	.15	.00	.00	.00	15.10	53.37

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TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 20 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.30	5.13	1.61	.44	.00	.00	2.35	15.84	10.56	9.68	3.37	.15	.29	.00	1.03	25.07
5 TO 9	4.25	4.69	1.61	.29	.29	.00	.29	11.44	8.36	12.17	1.17	1.76	.44	.00	.00	23.90
10- UP	.29	1.03	.59	.29	.00	.00	.29	2.49	.15	9.53	4.84	.73	.44	.00	.00	15.69
TOTAL	10.85	10.85	3.81	1.03	.29	.00	2.93	29.77	19.06	31.38	9.38	2.64	1.17	.00	1.03	64.66

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.92	13.56	.73	.29	.15	.00	2.05	21.70	5.72	1.61	.00	.00	.00	.00	2.79	10.12
5 TO 9	6.45	3.23	3.81	.88	.15	.00	2.93	17.45	12.32	.29	.00	.00	.00	.00	3.37	15.98
10- UP	3.61	1.91	.15	.59	.44	.00	.88	7.77	13.64	3.81	.00	.00	.00	.00	3.61	21.26
TOTAL	18.18	15.69	4.69	1.76	.73	.00	5.87	46.92	31.67	5.72	.00	.00	.00	.00	9.97	47.36

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 21 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.93	5.57	1.47	.29	.15	.00	3.52	19.50	9.68	9.53	4.26	.15	.15	.00	.73	24.49
5 TO 9	6.45	3.08	1.76	.00	.00	.08	1.47	12.76	8.06	9.09	1.03	1.76	.44	.00	.29	20.67
10- UP	.73	.88	.86	.44	.00	.00	.15	3.08	.00	6.60	4.11	1.03	.15	.15	.00	12.02
TOTAL	15.69	9.53	4.11	.73	.15	.00	5.13	35.34	17.74	25.22	9.38	2.93	.73	.15	1.03	57.18

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.17	11.00	.29	.88	.15	.15	2.35	26.98	5.72	1.32	.15	.00	.00	.00	2.79	9.97
5 TO 9	6.60	4.55	5.43	.59	.00	.00	1.91	19.06	10.85	.29	.00	.00	.00	.00	2.64	13.78
10- UP	2.64	1.03	.15	.29	.44	.00	1.61	6.16	12.32	1.91	.15	.00	.00	.00	2.05	16.42
TOTAL	21.41	16.57	5.87	1.76	.59	.15	5.87	52.20	28.89	3.52	.29	.00	.00	.00	7.48	40.18

TABLE 3.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 22 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO	8.94	4.99	1.03	.29	.00	.00	4.84	20.09
5 TO 9	7.92	2.64	1.61	.44	.00	.08	1.61	14.22
10- UP	.66	.88	1.32	.00	.00	.00	.00	3.08
TOTAL	17.74	8.50	3.96	.73	.00	.00	6.45	37.39

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO	10.70	10.41	3.08	.59	.00	.00	1.32	26.10
5 TO 9	8.21	6.30	1.03	1.03	.15	.00	.00	16.72
10- UP	.00	6.74	5.43	1.32	.00	.00	.29	13.78
TOTAL	18.91	23.46	9.53	2.93	.15	.00	1.61	56.60

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.22	10.65	.29	.44	.59	.15	3.23	29.77
5 TO 9	8.06	4.69	3.06	.44	.00	.00	1.61	17.89
10- UP	2.35	.73	.73	.15	.15	.00	1.47	5.57
TOTAL	24.63	16.26	4.11	1.03	.73	.15	6.30	53.23

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.28	2.20	.15	.00	.00	.00	3.81	11.44
5 TO 9	9.39	.15	.00	.15	.00	.00	2.49	11.88
10- UP	10.65	3.37	.00	.15	.00	.00	3.08	17.45
TOTAL	26.22	5.72	.15	.29	.00	.00	9.38	40.76

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 23 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.85	5.13	1.03	.59	.15	.00	5.57	23.31
5 TO 9	7.04	3.52	1.17	.29	.15	.00	1.61	13.78
10- UP	.29	1.03	.44	.00	.00	.00	.15	1.91
TOTAL	18.18	9.68	2.64	.88	.29	.00	7.33	39.00

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.14	10.26	3.52	.15	.00	.00	1.03	26.10
5 TO 9	5.72	4.84	.44	1.61	.15	.00	.00	12.76
10- UP	.29	7.04	5.28	.88	.00	.00	.00	13.49
TOTAL	17.16	22.14	9.24	2.64	.15	.00	1.03	52.35

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.45	11.29	.44	.59	.00	.00	4.99	34.75
5 TO 9	6.60	3.96	3.08	.73	.00	.00	2.20	16.57
10- UP	2.64	1.03	.29	.00	.15	.00	1.61	5.72
TOTAL	26.69	16.28	3.81	1.32	.15	.00	8.80	57.04

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.96	1.32	.00	.15	.00	.00	3.52	8.94
5 TO 9	7.48	.00	.00	.00	.00	.00	2.05	9.53
10- UP	8.94	3.37	.15	.00	.15	.00	3.23	15.84
TOTAL	20.38	4.69	.15	.15	.15	.00	8.80	34.31

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TABLE 3.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF MARCH

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	20.66	9.40	11.26	14.99	30.18
03-05	20.95	10.03	10.92	14.51	35.40
06-08	20.70	10.33	10.38	15.11	32.77
09-11	19.87	9.89	9.99	13.88	34.69
12-14	21.29	10.43	10.87	14.68	37.50
15-17	19.38	9.64	9.74	13.74	32.68
18-20	15.22	7.76	7.44	10.81	26.57
21-23	20.51	11.80	8.71	18.81	23.36
00-23	19.82	9.91	9.91	14.49	31.38

*** RUNWAY 35 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	20.41	9.59	10.82	18.76	22.14
03-05	22.27	10.57	11.70	19.87	26.00
06-08	20.41	9.45	10.96	15.98	26.83
09-11	21.15	12.33	8.81	23.53	18.52
12-14	23.15	12.92	10.23	30.91	17.58
15-17	19.24	10.18	9.06	26.16	14.82
18-20	18.06	9.35	8.71	27.64	13.17
21-23	20.07	7.98	12.09	17.85	21.86
00-23	20.59	10.30	10.30	21.96	19.39

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*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	24.91	11.26	13.66	23.96	25.76
03-05	24.13	11.26	12.87	19.83	29.78
06-08	25.01	11.85	13.17	20.39	31.43
09-11	23.01	11.16	11.85	18.14	30.79
12-14	22.37	11.85	10.52	20.49	24.94
15-17	19.87	9.89	9.99	17.35	23.21
18-20	18.06	9.74	8.32	17.11	19.32
21-23	25.50	14.44	11.06	31.55	20.40
00-23	22.86	11.43	11.43	20.74	25.46

*** RUNWAY 4 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	21.68	10.47	11.21	15.65	33.88
03-05	21.10	10.38	10.72	15.80	31.24
06-08	22.61	11.16	11.45	16.07	37.50
09-11	21.63	12.78	8.86	20.42	23.66
12-14	24.57	12.82	11.75	23.19	26.29
15-17	19.53	10.28	9.25	19.62	19.54
18-20	18.60	9.15	9.45	18.51	18.68
21-23	24.33	9.99	14.34	16.19	37.42
00-23	21.76	10.88	10.88	17.99	27.51

TABLE 3.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF MARCH

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	6.71	6.09	2.19	14.99
03-05	8.35	4.67	1.49	14.51
06-08	9.96	4.15	1.00	15.11
09-11	9.28	3.16	1.44	13.88
12-14	6.20	3.17	3.31	14.68
15-17	7.25	3.00	3.49	13.74
18-20	5.64	3.33	1.84	10.81
21-23	8.67	8.20	1.95	18.81
00-23	6.00	4.39	2.09	14.49

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
13.21	4.50	1.05	18.76
15.55	3.31	1.01	19.87
12.17	2.81	.99	15.98
15.59	5.51	2.43	23.53
15.57	10.89	4.45	30.91
12.70	8.93	4.53	26.16
14.04	10.42	3.18	27.64
11.28	5.15	1.42	17.85
13.77	5.99	2.21	21.96

****

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	14.56	8.85	.52	23.96
03-05	13.79	5.60	.43	19.83
06-08	14.24	5.73	.42	20.39
09-11	12.57	4.30	1.27	16.14
12-14	13.04	5.67	1.78	20.49
15-17	10.74	5.33	1.29	17.35
18-20	10.66	5.76	.69	17.11
21-23	19.36	10.91	1.26	31.55
00-23	13.45	6.33	.97	20.74

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
5.93	6.14	3.58	15.65
7.30	4.77	3.73	15.80
8.81	3.38	3.88	16.07
11.27	2.97	6.18	20.42
11.77	3.54	7.88	23.19
6.88	4.09	8.65	19.62
5.84	4.75	7.92	18.51
5.87	4.92	5.40	16.19
7.97	4.33	5.69	17.99

TABLE 3.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (MARCH, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 3/43 - 3/68
MONTH OF RECORD - 3,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	2.07	.50	3.89	2.64	4.49	.4372	627
1	3.34	.06	6.54	3.94	10.92	.4236	668
2	2.38	-1.49	7.28	5.79	10.82	.2567	661
3	4.81	-2.13	8.03	7.88	6.44	.1019	637
4	7.21	-2.70	9.05	9.13	9.06	.1095	619
5	9.57	-3.01	10.50	10.42	9.52	.0871	604
6	11.83	-3.25	11.94	12.03	14.92	.1039	599
7	14.09	-3.12	13.20	13.12	29.65	.1711	580
8	16.27	-3.22	14.53	15.07	42.96	.1962	574
9	18.64	-3.22	15.66	16.35	55.56	.2170	568
10	21.02	-2.82	16.46	16.31	73.73	.2746	559
11	23.37	-2.02	16.61	16.05	70.33	.2638	557
12	24.60	-1.37	15.28	15.58	62.95	.2644	554
13	24.84	-.98	13.91	13.54	35.33	.1876	548
14	23.72	-.52	12.93	11.64	26.71	.1774	541
15	21.42	-.12	10.89	9.71	19.12	.1808	521
16	18.68	.09	9.84	8.49	18.99	.2273	517
17	15.69	-.02	9.15	6.96	16.91	.2656	490
18	12.89	-.11	9.09	5.96	12.91	.2383	472
19	9.78	-.23	7.96	5.10	8.36	.2059	469
20	7.22	-.68	7.46	4.43	6.77	.2048	456
21	5.22	-.62	7.46	3.80	3.35	.1181	435
22	3.78	-.75	7.78	3.90	4.88	.1609	415
23	3.57	-.70	8.45	3.64	6.85	.2227	410
24	3.19	-.32	8.43	3.40	6.79	.2367	393
25	3.84	-.04	10.22	3.58	13.65	.3728	388
26	3.62	.23	10.26	3.46	10.60	.2988	380
27	4.37	.43	11.20	3.32	10.83	.2918	350

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

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APRIL

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TABLE 4.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF APRIL

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	39.14	31.72	9.60	3.79	.10	.05	16.61	1980
03-05	36.82	28.08	8.33	2.93	.30	.00	23.54	1980
06-08	27.78	24.39	9.70	4.39	.66	.00	33.08	1980
09-11	26.01	23.28	13.69	7.12	1.46	.15	28.28	1980
12-14	23.69	26.31	16.79	10.81	3.43	.76	16.21	1980
15-17	16.67	25.45	25.20	17.42	3.79	.56	10.91	1980
18-20	15.81	42.63	24.49	10.51	.71	.25	5.61	1980
21-23	31.67	39.60	12.02	4.90	.71	.05	10.86	1980
00-23	27.20	30.21	15.23	7.73	1.40	.23	16.01	15840

4.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	45.35	25.35	5.91	1.11	.05	.05	22.17	1980
03-05	41.57	20.66	4.95	1.11	.10	.00	31.62	1980
06-08	35.40	19.65	6.01	1.36	.25	.00	37.32	1980
09-11	30.38	17.93	6.62	2.83	.56	.10	33.59	1980
12-14	38.38	21.26	6.93	5.66	2.12	.20	23.94	1980
15-17	32.17	18.64	10.86	9.44	2.93	.20	25.76	1980
18-20	36.87	21.72	13.99	4.24	.45	.00	22.73	1980
21-23	45.25	27.17	8.18	1.52	.15	.05	17.58	1980
00-23	39.17	21.55	8.12	3.42	.83	.08	26.84	15840

4.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	46.62	18.74	5.25	.76	.05	.00	28.59	1980
03-05	42.07	16.30	4.49	.96	.05	.00	37.12	1980
06-08	34.55	15.40	5.66	1.06	.20	.00	43.13	1980
09-11	36.72	16.76	5.71	2.22	.56	.00	39.04	1980
12-14	37.42	19.39	7.68	4.24	1.87	.15	29.24	1980
15-17	32.27	20.61	8.74	7.12	2.42	.10	28.74	1980
18-20	39.29	20.96	12.17	3.13	.35	.00	24.09	1980
21-23	45.10	21.67	7.53	1.31	.15	.05	24.19	1980
00-23	39.26	18.48	7.15	2.60	.71	.04	31.77	15840

4.1C

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TABLE 4.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF APRIL

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	19.09	16.01	3.64	1980	28.54	14.90	9.60
03-05	18.43	13.33	2.83	1980	27.78	12.63	8.13
06-08	16.91	12.22	2.88	1980	22.17	11.97	9.29
09-11	15.66	7.78	4.49	1980	21.82	13.28	15.91
12-14	15.66	7.73	6.21	1980	20.40	19.14	20.81
15-17	12.07	6.52	9.49	1960	15.30	21.82	27.68
18-20	9.60	11.11	5.30	1980	19.65	27.68	22.73
21-23	16.97	16.87	3.08	1980	27.47	19.55	12.42
00-23	15.45	11.45	4.74	15840	22.89	17.62	15.82

4.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	33.94	23.03	5.96	1980	7.07	9.95	11.82
03-05	33.81	19.29	5.35	1980	9.70	7.83	10.15
06-08	24.24	15.91	7.58	1980	9.04	6.31	11.31
09-11	17.12	12.32	10.05	1980	14.70	7.02	17.47
12-14	18.08	12.53	13.84	1980	15.05	6.92	23.38
15-17	13.94	14.70	17.78	1980	9.85	5.86	30.61
18-20	13.33	20.66	13.84	1930	5.96	12.37	29.90
21-23	29.29	26.31	7.58	1980	5.05	12.68	15.40
00-23	22.59	18.09	10.25	15840	9.55	8.62	18.76

4.2B

TABLE 4.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 0 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.33	4.24	1.82	.30	.00	.00	4.85	19.55
5 TO 9	10.61	4.09	.61	.61	.00	.00	1.97	17.88
10- UP	1.52	.76	.45	.15	.00	.00	.00	2.88
TOTAL	20.45	9.09	2.66	1.06	.00	.00	6.82	40.30

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.16	14.24	3.94	.15	.00	.00	.45	28.94
5 TO 9	7.27	5.45	.91	2.58	.00	.00	.15	16.36
10- UP	.00	6.06	2.73	.61	.00	.00	.00	9.39
TOTAL	17.42	25.76	7.58	3.33	.00	.00	.61	54.70

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.97	14.09	.30	.30	.00	.00	3.18	34.85
5 TO 9	6.33	7.42	5.30	1.06	.15	.00	3.18	25.45
10- UP	2.27	1.82	.91	.30	.00	.00	1.36	6.36
TOTAL	27.58	23.33	6.52	1.67	.15	.00	7.42	66.67

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.42	.76	.15	.00	.00	.00	2.73	6.06
5 TO 9	9.09	.15	.30	.00	.00	.00	1.67	10.91
10- UP	6.97	2.88	.30	.00	.00	.00	1.52	11.36
TOTAL	18.48	3.79	.15	.00	.00	.00	5.91	28.33

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 1 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.39	3.18	1.52	.45	.00	.15	4.70	19.39
5 TO 9	9.24	3.33	1.21	.30	.00	.00	1.06	15.15
10- UP	1.82	1.36	.76	.00	.00	.00	.45	4.39
TOTAL	20.45	7.88	3.48	.76	.00	.15	6.21	38.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.67	11.82	3.18	.15	.00	.00	.61	27.42
5 TO 9	7.12	4.09	.61	2.12	.00	.00	.00	13.94
10- UP	.15	7.42	2.27	.61	.15	.00	.00	10.61
TOTAL	18.94	23.33	6.06	2.88	.15	.00	.61	51.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.85	12.42	.45	.45	.00	.00	5.15	33.33
5 TO 9	7.88	4.62	4.09	.91	.00	.00	2.42	22.12
10- UP	2.73	1.36	.76	.15	.00	.00	1.21	6.21
TOTAL	25.45	20.61	5.30	1.52	.00	.00	8.79	61.67

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.09	.45	.00	.00	.00	.00	1.97	6.52
5 TO 9	8.64	.30	.00	.00	.00	.00	1.21	10.15
10- UP	7.27	3.18	.00	.00	.00	.00	2.12	12.58
TOTAL	20.00	3.94	.00	.00	.00	.00	5.30	29.24

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 2 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.64	3.64	1.06	.30	.30	.00	4.70	18.33
5 TO 9	9.55	2.58	1.06	.15	.00	.00	1.67	15.00
10- UP	1.67	.45	.76	.15	.00	.00	.61	3.64
TOTAL	19.85	6.67	2.86	.61	.00	.00	6.97	36.97

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO20	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.33	12.27	2.58	.15	.00	.00	.91	29.24
5 TO 9	6.97	4.39	.91	2.12	.00	.00	.00	14.39
10- UP	.00	5.76	2.42	.45	.15	.00	.00	8.79
TOTAL	20.30	22.42	5.91	2.73	.15	.00	.91	52.42

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.82	13.03	.30	.15	.00	.00	3.33	33.64
5 TO 9	6.97	6.52	5.15	.00	.00	.15	2.73	21.52
10- UP	2.27	1.52	.30	.30	.00	.00	1.21	5.30
TOTAL	26.06	21.06	5.76	.15	.00	.15	7.27	60.45

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.79	.45	.00	.00	.00	.00	4.39	8.64
5 TO 9	7.88	.00	.30	.00	.00	.00	.91	8.79
10- UP	6.82	2.88	.30	.00	.00	.00	1.82	11.52
TOTAL	18.48	3.33	.00	.00	.00	.00	7.12	28.94

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 3 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.79	3.64	.91	.45	.00	.00	3.48	17.27
5 TO 9	8.79	3.33	1.36	.00	.00	.00	1.06	14.55
10- UP	.91	1.06	.61	.15	.00	.00	.61	3.33
TOTAL	18.48	8.03	2.88	.61	.00	.00	5.15	35.15

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.48	11.36	3.48	.15	.00	.00	.61	29.09
5 TO 9	6.52	3.48	.76	2.73	.00	.00	.00	13.48
10- UP	.15	6.06	1.67	.30	.15	.00	.00	8.33
TOTAL	20.15	20.91	5.91	3.18	.15	.00	.61	50.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.15	11.67	.61	.00	.00	.00	4.70	32.12
5 TO 9	6.98	5.30	5.30	.61	.00	.00	1.21	20.91
10- UP	3.48	.91	.15	.30	.00	.00	1.06	6.91
TOTAL	27.12	17.88	6.06	.91	.00	.00	6.97	58.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.58	.61	.00	.00	.00	.00	5.30	8.48
5 TO 9	7.12	.15	.00	.00	.00	.00	.45	7.73
10- UP	7.42	1.82	.00	.00	.00	.00	1.67	10.91
TOTAL	17.12	2.58	.00	.00	.00	.00	7.42	27.12

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TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 4 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	3.03	1.06	.30	.30	.00	4.09	18.03
5 TO 9	7.88	3.48	1.21	.15	.00	.00	1.06	13.79
10- UP	1.21	.30	.91	.00	.00	.00	.30	2.73
TOTAL	18.33	6.82	3.18	.45	.30	.00	5.45	34.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.06	10.91	2.88	.00	.00	.00	1.06	25.91
5 TO 9	5.91	3.94	.61	1.21	.15	.00	.00	11.82
10- UP	.00	6.52	2.42	.15	.15	.00	.00	9.24
TOTAL	16.97	21.36	5.91	1.36	.30	.00	1.06	46.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.42	11.36	.00	.30	.15	.00	4.39	28.64
5 TO 9	6.06	6.06	3.79	.30	.00	.00	2.42	18.64
10- UP	2.88	.76	.30	.30	.15	.00	1.06	5.45
TOTAL	21.36	18.18	4.09	.91	.30	.00	7.88	52.73

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.64	.15	.00	.15	.00	.00	5.30	9.24
5 TO 9	7.58	.30	.00	.00	.00	.00	.61	8.48
10- UP	5.91	3.48	.00	.00	.00	.00	1.67	11.06
TOTAL	17.12	3.94	.00	.15	.00	.00	7.58	28.79

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 5 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.65	4.24	.61	.45	.00	.00	4.85	20.00
5 TO 9	7.12	1.97	1.06	.15	.00	.00	1.36	11.67
10- UP	1.06	.76	.30	.30	.00	.00	.00	2.42
TOTAL	18.03	6.97	1.97	.91	.00	.00	6.21	34.09

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.94	10.61	2.42	.00	.00	.00	1.36	28.33
5 TO 9	4.55	4.24	1.67	1.97	.00	.00	.15	12.58
10- UP	.00	5.30	1.36	.30	.15	.00	.00	6.82
TOTAL	18.48	20.15	5.16	2.27	.15	.00	1.52	47.73

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.45	11.21	.61	.15	.00	.00	4.24	31.67
5 TO 9	7.58	4.85	3.64	1.21	.00	.00	1.06	18.33
10- UP	1.62	.91	.45	.00	.00	.00	1.52	4.70
TOTAL	24.85	16.97	4.70	1.36	.00	.00	6.82	54.70

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.61	.30	.00	.00	.00	.00	5.45	11.36
5 TO 9	6.36	.15	.00	.00	.00	.00	.76	7.27
10- UP	5.15	1.97	.00	.00	.00	.00	1.36	8.48
TOTAL	17.12	2.42	.00	.00	.00	.00	7.58	27.12

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 6 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.[illegible]	3.33	1.06	.00	.15	.00	4.39	18.48
5 TO 9	7.88	2.58	.91	.15	.00	.06	1.21	12.73
10- UP	1.36	.45	.00	.00	.00	.00	.30	2.12
TOTAL	18.79	6.36	1.97	.15	.15	.08	5.91	33.33

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.64	10.45	2.42	.30	.00	.00	2.27	24.09
5 TO 9	5.15	4.24	.45	1.97	.15	.00	.00	11.97
10- UP	.00	4.55	1.82	.45	.00	.00	.00	6.82
TOTAL	13.79	19.24	4.70	2.73	.15	.00	2.27	42.88

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.09	11.06	.30	.15	.00	.00	3.94	29.55
5 TO 9	6.52	3.94	3.94	.15	.00	.00	1.52	16.06
10- UP	1.67	1.52	.61	.15	.15	.00	1.21	5.30
TOTAL	22.27	16.52	4.85	.45	.15	.08	6.67	50.91

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.79	.91	.00	.00	.00	.00	3.94	8.64
5 TO 9	6.67	.00	.15	.00	.00	.00	1.21	8.03
10- UP	4.85	2.27	.00	.00	.00	.00	1.52	8.64
TOTAL	15.30	3.18	.15	.00	.00	.00	6.67	25.30

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 7 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.97	2.27	1.52	.30	.30	.00	3.94	15.30
5 TO 9	6.36	3.33	.67	.15	.00	.00	.91	12.42
10- UP	1.21	.91	.45	.45	.00	.00	.30	3.33
TOTAL	14.55	6.52	3.64	.91	.30	.00	5.15	31.06

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.42	7.88	3.48	.00	.30	.00	2.12	21.21
5 TO 9	3.79	4.24	1.21	2.42	.00	.00	.15	11.82
10- UP	.00	6.82	1.67	.91	.15	.00	.00	9.55
TOTAL	11.41	18.94	6.36	3.33	.45	.00	2.27	42.58

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.00	8.48	.61	.30	.00	.30	2.27	21.67
5 TO 9	6.06	4.09	4.85	.76	.00	.09	1.52	17.27
10- UP	2.42	1.97	.91	.30	.00	.00	2.12	7.73
TOTAL	18.48	14.55	6.36	1.36	.00	.00	5.91	46.67

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.61	.76	.00	.00	.00	.00	2.88	9.24
5 TO 9	5.00	.15	.15	.00	.00	.00	.45	5.76
10- UP	5.76	4.70	.00	.00	.00	.00	1.52	11.97
TOTAL	16.36	5.61	.15	.00	.00	.00	4.85	26.97

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TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 8 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.61	1.36	1.52	.76	.15	.00	4.55	13.94
5 TO 9	5.15	3.03	2.27	.61	.00	.00	.45	11.52
10- UP	1.06	.91	.61	.61	.00	.00	.00	3.18
TOTAL	11.82	5.30	4.39	1.97	.15	.00	5.00	28.64

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.55	6.36	3.18	.45	.15	.00	1.52	21.21
5 TO 9	3.79	3.64	1.06	2.88	.45	.00	.30	12.12
10- UP	.00	6.82	3.79	.76	.15	.00	.00	11.52
TOTAL	13.33	16.82	8.03	4.09	.76	.00	1.82	44.85

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.91	6.97	.76	.61	.15	.00	2.12	21.52
5 TO 9	3.94	3.18	4.39	1.52	.00	.00	1.36	14.39
10- UP	3.18	2.58	1.21	.15	.45	.06	2.12	9.70
TOTAL	18.03	12.73	6.36	2.27	.61	.00	5.61	45.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.45	.61	.00	.00	.00	.00	3.18	9.24
5 TO 9	3.79	.61	.15	.00	.00	.00	.61	5.15
10- UP	6.52	5.15	.00	.00	.00	.00	1.67	13.33
TOTAL	15.76	6.36	.15	.00	.00	.00	5.45	27.73

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 9 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.45	2.42	1.82	.30	.45	.00	5.15	15.61
5 TO 9	3.33	1.67	1.97	.45	.00	.00	1.06	8.48
10- UP	.91	1.36	.76	.76	.00	.00	.30	4.09
TOTAL	9.70	5.45	4.55	1.52	.45	.00	6.52	28.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.15	4.70	4.09	.76	.00	.15	1.21	21.06
5 TO 9	3.64	3.94	.45	2.58	.15	.00	.00	10.76
10- UP	.00	8.18	4.55	1.67	.30	.00	.00	14.70
TOTAL	13.79	16.82	9.09	5.00	.45	.15	1.21	46.52

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.45	4.39	.15	.30	.15	.00	1.67	17.12
5 TO 9	3.03	3.18	4.09	1.82	.30	.00	1.36	13.79
10- UP	3.79	1.67	1.97	.15	.30	.00	1.52	9.39
TOTAL	17.27	9.24	6.21	2.27	.76	.00	4.55	40.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	1.06	.15	.00	.00	.00	1.97	11.52
5 TO 9	4.39	.15	.30	.00	.00	.00	1.97	6.82
10- UP	7.27	5.76	.00	.00	.00	.00	2.73	15.76
TOTAL	20.00	6.97	.45	.00	.00	.00	6.67	34.09

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TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 10 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.76	2.42	1.36	.76	.30	.15	3.79	14.65
5 TO 9	3.03	1.97	.91	1.06	.00	.00	.30	7.27
10- UP	.91	1.06	1.06	.61	.15	.00	.45	4.24
TOTAL	9.70	5.45	3.33	2.42	.45	.15	4.55	26.06

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.52	5.00	2.88	.76	.15	.00	1.36	21.67
5 TO 9	3.64	5.45	1.21	2.88	.45	.00	.30	13.94
10- UP	.15	6.82	7.12	1.06	.45	.00	.00	15.61
TOTAL	15.30	17.27	11.21	4.70	1.06	.00	1.67	51.21

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.42	5.45	.91	.30	.00	.15	2.27	16.52
5 TO 9	3.64	1.67	4.55	1.21	.15	.15	.61	11.97
10- UP	2.42	3.03	1.21	.91	.15	.00	1.67	9.39
TOTAL	13.48	10.15	6.67	2.42	.30	.30	4.55	37.88

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.85	1.67	.15	.15	.00	.00	3.18	15.00
5 TO 9	5.76	.15	.15	.00	.00	.00	.76	6.82
10- UP	7.88	6.36	.00	.00	.00	.00	3.03	17.27
TOTAL	23.48	8.18	.30	.15	.00	.00	6.97	39.09

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 11 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.88	2.42	1.82	.45	.61	.15	3.48	16.82
5 TO 9	3.79	1.21	1.21	.61	.30	.00	.45	7.58
10- UP	1.06	1.67	1.36	.61	.15	.00	.30	5.15
TOTAL	12.73	5.30	4.39	1.67	1.06	.15	4.24	29.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.03	3.94	1.82	1.06	.45	.00	2.42	22.73
5 TO 9	4.24	5.91	1.06	3.33	.45	.00	.15	15.15
10- UP	.15	9.85	5.76	1.67	.00	.00	.00	17.42
TOTAL	17.42	19.70	8.64	6.06	.91	.00	2.58	55.30

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.85	3.94	.30	.76	.15	.00	2.73	17.73
5 TO 9	3.64	1.82	3.64	1.52	.00	.00	.61	11.21
10- UP	3.48	3.18	1.52	1.21	.45	.00	1.52	11.36
TOTAL	16.97	8.94	5.45	3.48	.61	.00	4.85	40.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	3.03	.61	.15	.00	.00	4.55	17.58
5 TO 9	5.91	.45	.00	.00	.00	.00	1.06	7.42
10- UP	8.79	6.82	.15	.00	.00	.00	3.48	19.24
TOTAL	23.94	10.30	.76	.15	.00	.00	9.09	44.24

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TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 12 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.82	3.03	1.36	1.52	.45	.15	2.58	15.91
5 TO 9	4.39	.91	1.21	.61	.15	.00	.76	8.03
10- UP	.61	1.97	1.97	.76	.45	.00	.15	5.91
TOTAL	11.82	5.91	4.55	2.88	1.06	.15	3.46	29.85

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.97	4.09	3.18	.61	.45	.00	1.36	21.67
5 TO 9	3.64	6.64	1.36	3.48	1.52	.15	.00	18.79
10- UP	.15	7.12	7.88	2.27	.00	.15	.00	17.58
TOTAL	15.76	19.85	12.42	6.36	1.97	.30	1.36	58.03

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.79	6.36	1.36	1.21	.15	.00	1.06	18.94
5 TO 9	4.09	1.21	3.79	2.27	.30	.00	.30	11.97
10- UP	3.33	2.88	2.42	1.67	.91	.15	1.36	12.73
TOTAL	16.21	10.45	7.56	5.15	1.36	.15	2.73	43.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.70	3.33	.45	.15	.00	.00	2.88	16.52
5 TO 9	5.45	.45	.00	.15	.00	.00	.91	6.97
10- UP	8.16	7.12	.15	.00	.00	.00	5.15	20.61
TOTAL	23.33	10.91	.61	.30	.00	.00	8.94	44.09

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 13 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.00	2.27	1.52	1.67	.30	.15	4.24	15.15
5 TO 9	3.79	1.36	.61	1.21	.15	.00	.76	7.88
10- UP	.15	1.97	1.82	1.21	.45	.00	.15	5.76
TOTAL	8.94	5.61	3.94	4.09	.91	.15	5.15	28.79

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.52	5.15	3.48	.45	.30	.15	1.21	22.27
5 TO 9	3.18	7.42	3.18	3.03	2.12	.61	.00	19.55
10- UP	.00	8.48	8.18	2.58	.15	.15	.15	19.70
TOTAL	14.70	21.06	14.85	6.06	2.58	.91	1.36	61.52

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	4.85	1.36	.91	.30	.08	1.36	17.88
5 TO 9	2.48	2.27	5.30	2.12	.15	.00	.30	13.03
10- UP	3.48	3.18	1.21	1.82	1.97	.15	1.52	13.33
TOTAL	15.45	10.30	7.88	4.85	2.42	.15	3.16	44.24

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	3.64	.61	.00	.00	.00	3.03	15.61
5 TO 9	5.00	.30	.45	.00	.00	.00	1.67	7.42
10- UP	10.61	6.06	.15	.00	.00	.00	6.21	23.03
TOTAL	23.94	10.00	1.21	.00	.00	.00	10.91	46.06

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 14 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.15	2.42	2.12	1.97	.00	.15	4.09	16.91
5 TO 9	3.03	2.27	.61	.30	.15	.00	.91	7.27
10- UP	.45	2.58	1.67	1.67	.30	.00	.30	6.97
TOTAL	8.64	7.27	4.39	3.94	.45	.15	5.30	30.15

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.48	4.24	2.27	.91	.00	.15	1.21	17.27
5 TO 9	2.73	6.21	1.67	5.15	2.88	.30	.15	19.09
10- UP	.00	9.24	12.27	3.03	.45	.15	.00	25.15
TOTAL	11.21	19.70	16.21	9.09	3.33	.61	1.36	61.52

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	5.61	.76	1.52	.15	.00	1.21	17.42
5 TO 9	2.58	2.42	4.24	3.03	.00	.15	.15	12.58
10- UP	3.79	2.73	1.97	1.82	2.42	.15	2.58	15.45
TOTAL	14.55	10.76	6.97	6.36	2.58	.30	3.94	45.45

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.97	2.27	.61	.30	.00	.00	2.88	13.03
5 TO 9	3.94	.30	.45	.00	.00	.00	1.67	6.36
10- UP	10.76	8.79	.00	.00	.00	.00	6.97	26.52
TOTAL	21.67	11.36	1.06	.30	.00	.00	11.52	45.91

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 15 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.61	4.09	1.21	1.82	.61	.00	2.73	16.06
5 TO 9	1.97	1.97	.91	.76	.00	.00	.30	5.91
10- UP	1.21	3.18	1.97	1.97	.00	.00	.30	8.64
TOTAL	8.79	9.24	4.09	4.55	.61	.00	3.33	30.61

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	4.24	2.88	1.21	.15	.15	1.06	18.03
5 TO 9	2.73	5.30	1.52	5.00	3.03	.30	.00	17.88
10- UP	.30	8.18	12.58	5.00	.30	.15	.00	26.52
TOTAL	11.36	17.73	16.97	11.21	3.46	.61	1.06	62.42

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.58	3.64	1.52	1.97	.30	.15	.91	16.06
5 TO 9	2.66	1.67	4.70	2.88	.45	.00	.91	13.48
10- UP	3.48	2.73	3.03	1.52	2.68	.15	2.88	16.67
TOTAL	13.94	8.03	9.24	6.36	3.64	.30	4.70	46.21

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.88	2.42	.45	.15	.00	.00	1.67	12.58
5 TO 9	4.24	.45	.15	.00	.00	.00	2.12	6.97
10- UP	9.70	10.61	.45	.00	.00	.00	6.06	26.82
TOTAL	21.82	13.48	1.06	.15	.00	.00	9.85	46.36

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TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 16 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.55	1.82	.45	.61	.61	.15	2.73	10.91	7.88	1.21	3.03	1.82	.61	.00	.91	15.45
5 TO 9	2.12	1.06	2.27	1.06	.00	.00	.30	6.82	1.67	6.67	2.73	7.73	2.73	.30	.00	21.82
10- UP	1.21	3.64	2.27	2.27	.15	.06	.30	9.85	.15	8.[illegible]3	14.86	4.09	.15	.15	.00	27.42
TOTAL	7.88	6.52	5.00	3.94	.76	.15	3.33	27.58	9.70	15.91	20.61	13.64	3.48	.45	.91	64.70

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.67	1.67	.91	2.27	.30	.00	1.21	13.03	4.85	1.21	.91	.30	.00	.00	2.66	10.15
5 TO 9	2.12	1.67	5.00	5.61	.45	.00	.76	15.61	2.48	.00	.30	.00	.00	.00	1.62	5.00
10- UP	6.06	1.36	3.03	2.73	2.58	.15	2.12	18.03	9.24	9.65	.15	.30	.00	.00	11.21	30.45
TOTAL	14.85	4.70	8.94	10.61	3.33	.15	4.09	46.67	16.97	11.06	1.36	.30	.00	.00	15.91	45.61

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 17 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	2.58	1.21	1.97	1.67	.45	.00	1.36	9.24	4.85	2.88	2.58	1.06	.00	.30	.76	12.42
5 TO 9	1.67	1.97	1.67	1.52	.00	.00	.00	6.82	2.12	7.88	3.79	9.55	2.27	.15	.00	25.76
10- UP	1.06	3.94	3.64	1.21	.15	.00	.00	10.00	.00	9.39	15.45	3.94	.15	.00	.15	29.09
TOTAL	5.30	7.12	7.27	4.39	.61	.00	1.36	26.06	6.97	20.15	21.82	14.55	2.42	.45	.91	67.27

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.09	2.88	2.58	2.12	.00	.15	.91	12.73	3.33	1.21	.45	.91	.00	.00	.91	6.82
5 TO 9	1.97	1.67	5.76	5.30	.15	.08	.15	15.00	3.48	.15	.15	.15	.00	.00	1.67	5.61
10- UP	4.39	3.64	2.86	2.42	1.67	.00	3.64	18.64	11.67	9.09	.15	.00	.00	.00	13.64	34.55
TOTAL	10.45	8.16	11.21	9.85	1.82	.15	4.70	46.36	16.48	10.45	.76	1.06	.00	.00	16.21	46.97

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 18 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.36	.61	1.97	2.42	.15	.15	1.97	8.64
5 TO 9	1.52	2.42	2.88	1.67	.00	.00	.00	8.48
10- UP	.91	4.39	1.52	.76	.00	.00	7.58	15.15
TOTAL	3.79	7.42	6.36	4.85	.15	.15	1.97	24.70

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.79	2.58	5.30	1.67	.30	.00	.45	14.09
5 TO 9	2.42	9.09	5.00	7.88	.76	.00	.15	25.30
10- UP	.00	14.24	13.64	2.58	.00	.00	.00	30.45
TOTAL	6.21	25.91	23.94	12.12	1.06	.00	.61	69.85

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.03	2.12	3.03	1.36	.00	.00	.61	10.15
5 TO 9	1.36	2.27	9.70	3.33	.00	.00	.30	16.97
10- UP	5.45	4.09	2.56	1.67	.45	.00	3.03	17.27
TOTAL	9.85	8.48	15.30	6.36	.45	.00	3.94	44.39

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.97	1.82	.15	.61	.00	.00	1.21	5.76
5 TO 9	4.09	.15	.15	.15	.00	.00	3.18	7.73
10- UP	14.39	8.33	.00	.00	.00	.00	13.79	36.52
TOTAL	20.45	10.30	.30	.76	.00	.00	18.18	50.00

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 19 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.91	3.18	3.33	.91	.30	.15	.91	9.70
5 TO 9	2.12	5.45	2.58	.30	.00	.00	.15	10.61
10- UP	.61	1.97	1.36	.30	.00	.00	.00	4.24
TOTAL	3.64	10.61	7.27	1.52	.30	.15	1.06	24.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.85	6.06	8.33	1.36	.00	.15	.15	20.91
5 TO 9	6.36	14.85	5.00	4.55	.00	.00	.00	30.76
10- UP	.00	12.88	6.82	.91	.15	.00	.00	20.76
TOTAL	11.21	33.79	20.15	6.82	.15	.15	.15	72.42

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.67	7.12	2.27	.30	.15	.00	.30	11.82
5 TO 9	3.18	3.33	11.21	1.67	.15	.00	1.52	21.06
10- UP	5.15	2.73	2.12	.91	.15	.00	2.56	13.64
TOTAL	10.00	13.18	15.61	2.88	.45	.00	4.39	46.52

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.58	1.21	.45	.15	.00	.00	1.67	6.06
5 TO 9	9.85	.30	.15	.00	.00	.00	3.79	14.09
10- UP	15.45	6.06	.00	.00	.00	.00	8.48	30.08
TOTAL	27.88	7.58	.61	.15	.00	.00	13.94	50.15

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TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 20 NUMBER OBS. 660

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.42	5.61	1.67	.91	.15	.00	.30	11.06
5 TO 9	4.55	6.67	2.42	.00	.00	.00	.61	14.24
10- UP	1.52	1.82	.61	.15	.00	.00	.00	4.09
TOTAL	8.48	14.09	4.70	1.06	.15	.00	.91	29.39

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	7.42	10.45	4.70	.61	.15	.30	.30	23.94
5 TO 9	7.12	13.03	3.33	3.33	.15	.00	.00	26.97
10- UP	.00	12.73	3.03	1.21	.00	.00	.00	16.97
TOTAL	14.55	36.21	11.06	5.15	.30	.30	.30	67.88

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO20	25- UP	ZERO CROSS	TOTAL
1 TO 4	4.70	10.76	2.12	.45	.00	.00	.00	18.03
5 TO 9	6.21	6.67	6.67	1.82	.00	.00	2.58	23.94
10- UP	4.70	1.97	1.36	.30	.45	.00	1.82	10.61
TOTAL	15.61	19.39	10.15	2.58	.45	.00	4.39	52.58

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	3.33	.45	.00	.00	.00	.00	2.27	6.06
5 TO 9	10.76	.00	.00	.00	.00	.00	4.55	15.30
10- UP	12.73	5.76	.30	.00	.00	.00	4.70	23.18
TOTAL	26.42	6.21	.00	.00	.00	.00	11.52	44.55

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 21 NUMBER OBS. 660

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	4.39	6.67	1.52	.61	.15	.00	1.67	15.00
5 TO 9	5.45	6.82	.61	.30	.00	.00	1.97	15.15
10- UP	.91	.61	.61	.30	.00	.00	.30	2.73
TOTAL	10.76	14.09	2.73	1.21	.15	.00	3.94	32.88

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	6.97	12.42	4.70	.15	.30	.00	.91	25.45
5 TO 9	9.39	8.33	2.27	3.79	.00	.00	.00	23.79
10- UP	.00	15.91	2.58	.91	.00	.15	.00	19.55
TOTAL	16.36	31.67	9.55	4.85	.30	.15	.91	63.79

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	8.79	12.42	1.06	.00	.00	.00	1.21	23.48
5 TO 9	8.64	6.67	7.58	1.36	.00	.00	2.42	26.67
10- UP	3.03	2.12	.15	.45	.00	.15	2.27	8.18
TOTAL	20.45	21.21	8.79	1.82	.00	.15	5.91	58.33

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.12	.61	.15	.00	.00	.00	1.82	4.70
5 TO 9	11.52	.00	.00	.00	.00	.00	3.94	15.45
10- UP	10.91	4.09	.00	.00	.00	.00	3.03	18.03
TOTAL	24.55	4.70	.15	.00	.00	.00	8.79	38.18

TABLE 4.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 22 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.91	4.39	1.52	.61	.30	.00	4.85	17.58
5 TO 9	7.88	4.39	1.36	.15	.00	.00	3.03	16.82
10- UP	1.67	.45	.61	.30	.00	.00	.61	3.64
TOTAL	15.45	9.24	3.48	1.06	.30	.00	8.48	38.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.73	14.24	5.00	.00	.45	.00	.45	27.88
5 TO 9	8.33	6.21	1.06	3.79	.15	.00	.00	19.55
10- UP	.00	7.73	2.73	.76	.00	.00	.00	11.21
TOTAL	16.06	28.18	8.79	4.55	.61	.00	.45	58.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.16	15.45	.15	.15	.00	.00	2.88	31.82
5 TO 9	7.42	5.76	7.12	1.21	.00	.00	3.03	24.55
10- UP	2.27	1.97	1.36	.61	.15	.00	2.42	8.79
TOTAL	22.88	23.18	8.64	1.97	.15	.00	8.33	65.15

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.12	.45	.15	.00	.00	.00	2.68	5.30
5 TO 9	10.00	.15	.30	.00	.00	.00	1.21	11.36
10- UP	9.24	3.33	.30	.00	.00	.00	2.27	14.85
TOTAL	21.36	3.94	.15	.00	.00	.00	6.06	31.52

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 23 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.27	4.55	1.21	.15	.45	.00	4.70	18.33
5 TO 9	11.36	4.24	.76	.15	.00	.00	2.12	18.64
10- UP	1.06	.76	.61	.00	.00	.00	.45	2.88
TOTAL	19.70	9.55	2.58	.30	.45	.00	7.27	39.85

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.18	14.55	5.91	.15	.00	.00	.30	29.09
5 TO 9	8.64	3.79	.76	1.67	.30	.00	.15	15.30
10- UP	.00	8.33	2.27	.91	.00	.00	.00	11.52
TOTAL	16.82	26.67	8.94	2.73	.30	.00	.45	55.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.94	14.55	.45	.30	.00	.00	3.33	32.58
5 TO 9	11.06	6.03	5.45	.45	.00	.00	2.73	27.73
10- UP	1.97	1.36	.76	.30	.30	.00	1.06	5.76
TOTAL	26.97	23.94	6.67	1.06	.30	.00	7.12	66.06

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.12	.45	.00	.00	.00	.00	2.58	5.15
5 TO 9	9.85	.15	.00	.00	.00	.00	1.21	11.21
10- UP	7.58	3.94	.15	.00	.00	.00	1.67	13.33
TOTAL	19.55	4.55	.15	.00	.00	.00	5.45	29.70

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TABLE 4.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF APRIL

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	18.92	9.00	9.91	14.67	25.65
03-05	17.70	8.40	9.31	12.03	26.94
06-08	16.92	6.55	10.37	12.40	33.39
09-11	20.33	10.32	10.02	14.33	35.60
12-14	24.89	12.54	12.34	17.62	41.71
15-17	19.78	9.21	10.57	12.80	37.66
18-20	14.47	7.79	6.68	10.56	25.43
21-23	17.30	10.37	6.93	16.41	16.82
00-23	19.34	9.52	9.52	13.93	30.39

*** RUNWAY 35 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
20.03	9.41	10.62	20.86	20.00
19.27	6.85	10.42	17.22	21.44
19.27	9.16	10.12	16.28	23.26
21.70	12.59	9.10	25.75	17.82
26.20	14.11	12.09	36.63	20.02
20.64	11.28	9.36	32.09	14.43
16.39	8.30	8.09	27.66	11.56
17.40	6.73	10.67	16.62	17.93
20.11	10.05	10.06	23.05	17.84

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	22.05	10.12	11.94	27.25	18.99
03-05	23.[illegible]2	10.82	12.70	24.29	22.90
06-08	21.[illegible]6	9.26	12.29	17.73	25.71
09-11	23.22	10.72	12.49	17.74	31.59
12-14	25.29	13.51	11.79	24.34	26.48
15-17	22.10	11.18	10.93	20.85	23.56
18-20	19.37	10.72	8.65	20.52	18.11
21-23	20.69	12.59	8.09	34.16	12.82
00-23	22.22	11.12	11.11	22.65	21.81

*** RUNWAY 4 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAI	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
19.22	9.46	9.76	13.30	33.80
19.63	9.51	10.12	[illegible].16	36.50
19.02	9.61	9.41	13.11	35.23
24.13	14.82	9.31	24.38	23.74
25.59	13.05	12.54	23.87	27.68
23.27	11.84	11.43	22.08	24.65
18.92	9.05	9.86	17.61	20.42
19.63	7.33	12.29	10.98	37.04
21.17	10.58	10.59	16.79	28.45

4.4A

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TABLE 4.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF APRIL

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	4.62	6.02	4.04	14.67
03-05	6.65	4.43	1.74	12.83
06-08	6.02	4.70	1.69	12.40
09-11	6.43	4.21	1.69	14.33
12-14	10.06	5.60	2.16	17.82
15-17	6.12	3.02	3.66	12.80
18-20	4.53	3.50	2.54	10.56
21-23	7.13	6.65	2.64	16.41
00-23	6.71	4.71	2.51	13.93

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
13.16	5.29	1.62	20.06
12.99	3.44	.79	17.22
12.53	2.95	.72	16.20
17.37	6.31	2.07	25.75
19.41	12.26	3.76	35.43
19.53	11.51	6.04	32.09
11.30	13.15	3.20	27.46
11.87	3.62	1.12	16.62
14.16	6.68	2.20	23.05

****

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	16.12	10.63	1.50	27.25
03-05	13.85	9.65	.79	24.29
06-08	12.02	4.84	.87	17.73
09-11	11.13	5.69	.92	17.74
12-14	14.40	7.29	2.64	24.34
15-17	11.98	5.19	3.68	20.85
18-20	9.10	9.78	1.65	20.52
21-23	17.15	15.91	1.10	34.16
00-23	12.81	8.16	1.69	22.65

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
4.34	4.48	4.48	13.30
5.88	3.71	3.57	13.16
6.14	2.76	4.21	13.11
13.73	4.24	6.41	24.38
10.82	4.07	8.97	23.87
6.51	3.96	11.60	22.08
2.84	4.31	10.37	17.51
2.73	3.46	4.77	10.98
6.52	3.84	6.43	16.79

TABLE 4.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (APRIL, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 4/43 - 4/68
MONTH OF RECORD - 4.
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	3.15	1.21	3.83	2.61	2.38	.2382	643
1	5.08	.73	5.60	3.63	6.75	.3319	671
2	3.70	-.21	6.34	5.51	7.35	.2103	664
3	5.06	-.49	7.79	7.27	9.67	.1705	644
4	7.81	-.94	8.71	8.89	4.57	.0590	623
5	10.37	-1.17	10.07	10.01	7.77	.0770	598
6	12.74	-1.03	11.52	11.67	17.28	.1286	586
7	14.38	-1.28	12.91	13.31	32.06	.1867	565
8	16.35	-1.44	14.20	14.89	46.53	.2201	557
9	18.27	-1.54	15.26	17.00	68.37	.2636	552
10	20.69	-1.26	15.80	17.26	85.58	.3121	547
11	22.16	-.70	15.16	16.74	82.71	.3259	541
12	22.75	.17	13.85	15.36	68.10	.3201	539
13	22.57	.85	11.98	13.30	47.23	.2964	536
14	21.42	1.38	10.08	11.34	25.08	.2194	529
15	19.13	1.69	9.24	9.75	20.92	.2324	509
16	16.29	1.75	8.33	8.05	12.15	.1810	506
17	12.75	1.58	7.07	6.73	2.02	.0425	496
18	9.53	1.61	6.08	5.74	1.10	.0315	484
19	7.00	1.08	5.72	4.52	3.39	.1309	480
20	4.40	.44	5.38	3.42	1.41	.0768	4[illegible]1
21	2.51	.27	5.41	2.99	.96	.0591	428
22	1.14	.29	5.16	2.90	2.30	.1536	415
23	1.19	.41	5.31	2.77	3.04	.2070	410
24	1.41	.49	5.66	3.22	3.94	.2159	379
25	2.35	.19	5.96	3.14	4.91	.2619	3[illegible]
26	3.69	.33	6.65	3.33	5.38	.2426	[illegible]
27	4.84	.28	7.17	3.32	5.25	.2207	3[illegible]

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

MAY

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TABLE 5.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF MAY

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	35.78	34.02	15.15	3.86	.29	.00	10.98	2896
03-05	36.66	27.66	11.83	2.30	.29	.00	19.26	2896
06-08	27.37	27.62	14.27	5.23	.86	.00	24.73	2896
09-11	24.83	27.32	16.67	6.89	1.03	.00	23.26	2896
12-14	24.93	27.62	19.65	12.37	3.37	.10	12.07	2896
15-17	12.37	26.34	27.96	19.99	5.91	.34	7.09	2896
18-20	10.75	40.08	30.60	13.93	1.66	.29	2.69	2896
21-23	26.25	40.47	18.38	4.95	.44	.15	7.87	2896
00-23	25.37	31.37	19.31	8.63	1.74	.11	13.48	16368

5.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	43.55	27.96	11.39	.88	.05	.00	16.18	2896
03-05	41.59	24.73	8.11	.68	.05	.00	24.83	2896
06-08	36.60	21.60	6.99	1.91	.39	.00	30.30	2896
09-11	39.64	20.23	7.38	2.83	.49	.00	29.52	2896
12-14	39.26	23.65	8.65	6.06	2.32	.00	19.89	2896
15-17	27.71	24.34	9.63	11.09	3.76	.23	23.26	2896
18-20	35.04	22.58	17.11	5.03	1.08	.05	19.11	2896
21-23	45.36	26.83	11.88	.98	.20	.03	14.76	2896
00-23	38.61	24.02	10.39	3.68	1.04	.03	22.23	16368

5.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	47.95	20.04	10.51	.78	.00	.00	20.72	2896
03-05	45.61	16.57	7.67	.64	.05	.00	29.96	2896
06-08	36.56	16.66	8.80	1.71	.34	.00	35.73	2896
09-11	37.24	18.38	6.79	2.35	.39	.00	34.85	2896
12-14	40.16	20.09	8.70	4.84	1.71	.00	24.64	2896
15-17	29.06	24.05	.19	9.24	3.32	.00	25.12	2896
18-20	37.29	21.90	15.40	4.69	.74	.05	19.99	2896
21-23	49.51	20.43	10.95	.78	.20	.00	18.13	2896
00-23	40.37	19.78	9.75	3.12	.85	.01	26.13	16368

5.1C

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C-2

TABLE 5.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF MAY

RUNWAY 17
TAILWIND
CRITICAL LIMITS IN KNOTS

HRS	1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.
	PERCENTAGES			
00-02	14.22	22.09	5.18	2046
03-05	15.15	19.11	4.69	2046
06-08	14.22	15.00	4.64	2046
09-11	15.98	10.22	4.45	2046
12-14	13.83	10.56	7.48	2046
15-17	7.38	6.06	12.17	2046
18-20	8.11	12.17	8.02	2046
21-23	11.88	21.85	4.79	2046
00-23	12.60	14.88	6.43	16368

RUNWAY 35
TAILWIND
CRITICAL LIMITS IN KNOTS

1 TO 4	5 TO 9	10 ABOVE
PERCENTAGES		
28.01	[illegible]	9.04
29.57	11.[illegible]	6.55
25.56	11.05	11.44
24.19	13.78	15.59
21.07	19.94	20.87
12.76	23.07	31.67
14.47	26.69	29.03
24.39	17.84	14.86
22.50	17.36	17.38

5.2A

RUNWAY 22
TAILWIND
CRITICAL LIMITS IN KNOTS

HRS	1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.
	PERCENTAGES			
00-02	26.40	33.48	8.70	2046
03-05	29.52	27.96	7.28	2046
06-08	24.03	22.29	10.36	2046
09-11	18.72	13.98	11.93	2046
12-14	16.37	15.35	16.13	2046
15-17	9.29	15.98	24.10	2046
18-20	8.31	24.44	19.70	2046
21-23	21.21	33.63	10.51	2046
00-23	19.58	23.39	13.59	16368

RUNWAY 4
TAILWIND
CRITICAL LIMITS IN KNOTS

1 TO 4	5 TO 9	10 ABOVE
PERCENTAGES		
3.03	8.41	11.78
6.16	7.23	8.26
6.06	5.13	13.20
13.88	6.55	18.28
14.13	7.87	23.36
6.35	3.91	35.48
2.49	8.80	34.46
2.25	10.36	17.60
6.79	7.28	20.30

5.2B

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TABLE 5.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 0 NUMBER OBS. 602

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.57	2.49	1.17	.15	.00	.00	2.20	11.58	5.57	13.34	7.33	.00	.00	.00	.29	26.54
5 TO 9	15.98	5.43	1.91	.15	.00	.00	.59	24.05	5.72	4.84	1.61	3.81	.00	.00	.00	16.98
10- UP	3.61	1.76	.44	.00	.00	.00	.44	6.45	.00	6.60	2.93	.15	.00	.00	.00	9.68
TOTAL	25.37	9.68	3.52	.29	.00	.00	3.23	42.08	11.29	24.78	11.88	3.96	.00	.00	.29	52.20

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.97	13.78	.44	.29	.00	.00	1.76	26.25	1.61	.15	.00	.00	.00	.00	.88	2.64
5 TO 9	12.46	9.53	11.00	.88	.00	.00	2.93	36.80	7.33	.00	.00	.00	.00	.00	.73	8.06
10- UP	3.52	2.49	.44	.00	.00	.00	1.47	7.92	8.94	2.35	.00	.00	.00	.00	1.32	12.61
TOTAL	25.95	25.81	11.88	1.17	.00	.00	6.16	70.97	17.89	2.49	.00	.00	.00	.00	2.93	23.31

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 1 NUMBER OBS. 602

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.87	3.08	1.47	.00	.29	.00	4.25	14.96	6.01	13.93	8.36	.15	.00	.00	.00	28.45
5 TO 9	13.05	5.72	1.61	.29	.00	.00	.88	21.55	6.60	4.69	1.47	3.23	.15	.00	.00	16.13
10- UP	3.08	1.17	.29	.00	.00	.00	.00	4.55	.00	6.01	2.20	.15	.00	.00	.15	8.50
TOTAL	21.99	9.97	3.37	.29	.29	.00	5.13	41.06	12.61	24.63	12.02	3.52	.15	.00	.15	53.08

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.29	14.22	.15	.00	.00	.00	2.79	28.45	1.91	.00	.00	.00	.00	.00	.73	2.64
5 TO 9	10.46	7.48	11.29	.59	.00	.00	3.06	33.28	7.77	.29	.00	.00	.00	.00	.73	8.80
10- UP	4.40	2.79	.73	.15	.00	.00	1.17	9.24	7.48	2.49	.00	.00	.00	.00	1.76	11.73
TOTAL	26.54	24.49	12.17	.73	.00	.00	7.04	70.97	17.16	2.79	.00	.00	.00	.00	3.23	23.17

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TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 2 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.06	2.20	1.91	.59	.00	.00	3.37	16.13
5 TO 9	11.66	4.99	1.91	.44	.00	.00	1.47	20.67
10- UP	3.08	.88	.29	.00	.00	.00	.29	4.65
TOTAL	23.02	8.06	4.11	1.03	.00	.00	5.13	41.35

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	14.37	7.04	.88	.15	.00	.15	29.03
5 TO 9	5.57	4.25	1.17	2.35	.29	.00	.00	13.64
10- UP	.15	6.30	2.35	.15	.00	.00	.00	8.94
TOTAL	13.05	24.93	10.56	2.49	.44	.00	.15	51.61

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.17	14.66	.44	.00	.00	.00	3.23	30.50
5 TO 9	10.70	8.06	8.80	.29	.00	.00	2.49	30.35
10- UP	3.81	2.35	.73	.44	.00	.00	1.61	8.94
TOTAL	26.69	25.07	9.97	.73	.00	.00	7.33	69.79

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.35	.00	.15	.00	.00	.00	1.32	3.81
5 TO 9	7.48	.00	.00	.00	.00	.00	.88	8.36
10- UP	6.60	3.23	.00	.00	.15	.00	1.03	11.00
TOTAL	16.42	3.23	.15	.00	.15	.00	3.23	23.17

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 3 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.06	2.49	1.32	.29	.00	.00	4.40	16.57
5 TO 9	12.02	3.37	1.76	.15	.00	.00	1.47	18.77
10- UP	2.79	1.76	.00	.15	.00	.00	.44	5.13
TOTAL	22.87	7.62	3.06	.59	.00	.00	6.30	40.47

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	13.93	6.45	.00	.15	.00	.15	29.62
5 TO 9	5.28	3.52	1.32	1.76	.29	.00	.00	12.17
10- UP	.00	4.99	1.61	.00	.00	.00	.00	6.60
TOTAL	14.22	22.43	9.38	1.76	.44	.00	.15	48.39

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.52	13.93	.29	.15	.00	.00	3.81	32.70
5 TO 9	9.09	6.06	7.48	.44	.00	.00	2.35	27.42
10- UP	4.40	2.20	.29	.29	.15	.00	.73	8.06
TOTAL	28.01	24.19	8.06	.88	.15	.00	6.89	68.18

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.49	.00	.00	.00	.00	.00	2.35	4.84
5 TO 9	6.74	.00	.00	.00	.00	.00	.44	7.18
10- UP	5.13	2.49	.00	.00	.00	.00	1.03	8.65
TOTAL	14.37	2.49	.00	.00	.00	.00	3.81	20.67

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 4 NUMBER OBS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	7.16	2.49	.88	.15	.15	.00	3.52	14.37
5 TO 9	11.58	4.99	1.03	.15	.00	.00	1.47	19.21
10- UP	3.08	1.17	.15	.00	.00	.00	.59	4.99
TOTAL	21.85	8.65	2.05	.29	.15	.00	5.57	38.56

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	9.97	12.32	7.33	.00	.00	.00	.69	30.21
5 TO 9	5.87	3.37	.44	1.91	.15	.00	.00	11.73
10- UP	.00	4.55	1.61	.15	.15	.00	.00	6.45
TOTAL	15.84	20.22	9.38	2.05	.29	.00	.59	48.39

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	12.02	12.76	.15	.00	.00	.00	2.93	27.86
5 TO 9	9.09	8.94	7.92	.59	.00	.00	2.20	28.74
10- UP	3.08	1.76	.59	.15	.00	.00	1.76	7.33
TOTAL	24.19	23.46	8.65	.73	.00	.00	6.89	63.93

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	3.96	.29	.00	.00	.00	.00	2.64	6.89
5 TO 9	6.89	.29	.00	.00	.00	.00	.88	8.06
10- UP	5.57	1.47	.00	.00	.00	.00	1.03	8.06
TOTAL	16.42	2.05	.00	.00	.00	.00	4.55	23.02

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 5 NUMBER OBS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	8.80	1.61	1.03	.00	.00	.00	3.08	14.52
5 TO 9	12.76	4.11	1.76	.00	.00	.00	.73	19.35
10- UP	2.79	.59	.44	.00	.00	.00	.15	3.96
TOTAL	24.34	6.30	3.23	.00	.00	.00	3.96	37.83

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	11.73	9.97	6.74	.00	.00	.00	.44	28.89
5 TO 9	5.28	2.20	.59	2.20	.00	.00	.00	10.26
10- UP	.00	5.57	1.03	.00	.00	.00	.00	6.60
TOTAL	17.01	17.74	8.36	2.20	.00	.00	.44	45.75

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	13.93	10.56	.15	.00	.00	.00	3.37	28.01
5 TO 9	8.36	8.21	7.33	.44	.00	.00	3.37	27.71
10- UP	3.81	1.32	.15	.00	.00	.00	1.17	6.45
TOTAL	26.10	20.09	7.62	.44	.00	.00	7.92	62.17

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	3.96	.15	.00	.00	.00	.00	2.64	6.74
5 TO 9	5.72	.15	.00	.00	.00	.00	.59	6.45
10- UP	6.01	1.61	.00	.00	.00	.00	.44	8.06
TOTAL	15.69	1.91	.00	.00	.00	.00	3.67	21.26

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TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 6 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.65	1.32	1.17	.44	.00	.00	3.52	16.10
5 TO 9	11.29	3.96	1.32	.44	.00	.00	1.03	18.04
10- UP	2.49	.73	.59	.00	.00	.00	.15	3.96
TOTAL	22.43	6.01	3.08	.86	.00	.08	4.69	37.10

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.82	10.26	6.89	.00	.00	.00	.88	27.86
5 TO 9	4.25	2.35	.88	3.08	.00	.00	.00	10.56
10- UP	.00	6.30	1.32	.59	.00	.00	.00	8.21
TOTAL	14.08	18.91	9.09	3.67	.00	.00	.88	46.63

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.02	10.41	.00	.00	.00	.00	4.69	27.13
5 TO 9	7.46	8.06	4.65	.73	.00	.00	1.61	26.54
10- UP	3.61	1.61	.29	.00	.00	.00	2.05	7.77
TOTAL	23.31	20.09	4.94	.73	.00	.08	8.36	61.44

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.11	.15	.00	.00	.00	.00	2.49	6.74
5 TO 9	4.69	.15	.00	.00	.00	.00	.68	5.72
10- UP	5.57	3.08	.00	.00	.00	.00	1.17	9.82
TOTAL	14.37	3.37	.00	.00	.00	.00	4.55	22.29

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 7 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.57	1.61	1.03	.44	.00	.08	4.55	13.20
5 TO 9	6.21	4.69	1.61	.73	.00	.00	.15	15.40
10- UP	1.76	1.91	.73	.15	.00	.00	.00	4.55
TOTAL	5.54	8.21	3.37	1.32	.00	.08	4.69	33.14

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	9.97	7.33	.00	.29	.00	.73	26.10
5 TO 9	3.08	2.49	.68	3.67	.88	.00	.15	11.14
10- UP	.00	6.36	3.23	.15	.00	.00	.00	11.73
TOTAL	10.85	20.82	11.44	3.81	1.17	.00	.88	48.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	10.70	.15	.15	.00	.00	2.93	23.90
5 TO 9	7.48	3.96	9.36	1.32	.00	.00	1.17	23.31
10- UP	4.55	2.05	.73	.73	.59	.00	2.49	11.14
TOTAL	21.99	16.72	10.26	2.20	.59	.08	6.60	58.36

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.08	.15	.00	.00	.00	.00	2.35	5.57
5 TO 9	3.52	.15	.00	.00	.00	.00	.44	4.11
10- UP	8.06	4.84	.00	.00	.00	.00	1.03	13.93
TOTAL	14.66	5.13	.00	.00	.00	.00	3.81	23.61

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TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 8 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.84	.88	1.03	1.03	.44	.00	6.16	14.37
5 TO 9	3.61	5.43	1.32	.29	.00	.00	.73	11.58
10- UP	.73	2.20	1.91	.44	.00	.00	.15	5.43
TOTAL	9.38	8.50	4.25	1.76	.44	.00	7.04	31.38

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.89	7.62	6.16	.44	.15	.00	1.47	22.73
5 TO 9	3.06	3.67	.73	3.23	.59	.00	.15	11.44
10- UP	.00	8.80	4.69	.59	.29	.00	.00	14.37
TOTAL	9.97	20.09	11.58	4.25	1.03	.00	1.61	48.53

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.02	6.06	.00	.44	.00	.00	2.93	23.46
5 TO 9	4.11	2.64	6.74	1.76	.15	.08	1.61	17.01
10- UP	5.57	2.05	1.03	.44	.44	.00	2.64	12.17
TOTAL	21.73	12.76	7.77	2.64	.59	.08	7.18	52.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.93	.44	.00	.15	.00	.00	2.35	5.87
5 TO 9	4.40	.00	.00	.00	.00	.00	1.17	5.57
10- UP	7.04	6.30	.00	.00	.00	.00	2.49	15.84
TOTAL	14.37	6.74	.00	.15	.00	.00	6.01	27.27

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 9 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.60	2.20	2.20	.73	.15	.00	5.13	17.01
5 TO 9	3.37	3.37	2.05	.73	.15	.00	.29	9.97
10- UP	.59	1.47	1.47	.44	.00	.00	.00	3.96
TOTAL	10.56	7.04	5.72	1.91	.29	.00	5.43	30.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	6.45	5.13	.44	.00	.00	1.32	23.31
5 TO 9	2.93	4.40	1.47	2.64	.29	.00	.15	11.88
10- UP	.00	7.77	4.55	.88	.00	.00	.00	13.20
TOTAL	12.90	18.62	11.14	3.96	.29	.00	1.47	48.39

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.14	6.89	.15	.00	.00	.08	1.76	19.94
5 TO 9	2.64	2.79	5.72	1.32	.00	.00	1.47	13.93
10- UP	4.69	3.67	.73	.29	.29	.00	2.49	12.17
TOTAL	18.48	13.34	6.60	1.61	.29	.00	5.72	46.04

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.89	.44	.29	.15	.00	.00	2.49	10.26
5 TO 9	3.01	.15	.29	.15	.00	.00	1.17	5.57
10- UP	7.62	5.57	.15	.00	.00	.00	3.37	16.72
TOTAL	18.33	6.16	.73	.29	.00	.00	7.04	32.55

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TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 10 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.93	1.76	2.05	1.17	.15	.08	4.25	14.81
5 TO 9	3.52	2.64	2.35	.73	.15	.00	.44	9.82
10- UP	.88	2.05	1.03	.44	.00	.00	.00	4.40
TOTAL	9.82	6.45	5.43	2.35	.29	.00	4.69	29.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.78	5.43	3.67	.15	.00	.00	1.47	24.49
5 TO 9	4.25	5.28	1.32	3.08	.59	.00	.00	14.52
10- UP	.15	9.24	6.01	1.03	.29	.00	.00	16.72
TOTAL	18.18	19.94	11.00	4.25	.88	.00	1.47	55.72

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	5.57	.88	.29	.15	.00	2.05	17.89
5 TO 9	3.96	1.17	4.99	1.61	.00	.00	.59	12.32
10- UP	4.69	3.96	1.03	.29	.44	.00	1.91	12.32
TOTAL	17.60	10.70	6.89	2.20	.59	.00	4.55	42.52

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.80	2.05	.15	.00	.00	.00	4.69	15.69
5 TO 9	5.57	.29	.00	.00	.00	.00	1.03	6.89
10- UP	9.68	6.01	.29	.00	.00	.00	3.23	19.21
TOTAL	24.05	8.36	.44	.00	.00	.00	8.94	41.79

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 11 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.26	3.81	2.20	.88	.00	.00	3.96	16.13
5 TO 9	4.25	2.79	1.91	.88	.15	.00	.88	10.85
10- UP	.29	2.49	1.61	.59	.00	.00	.00	4.99
TOTAL	9.82	9.09	5.72	2.35	.15	.00	4.84	31.96

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.58	6.89	3.67	.59	.29	.00	1.76	24.78
5 TO 9	3.23	4.84	2.35	3.81	.73	.00	.00	14.96
10- UP	.00	10.12	4.99	1.47	.15	.00	.15	16.86
TOTAL	14.81	21.85	11.00	5.87	1.17	.00	1.91	56.60

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.50	6.33	.88	1.03	.15	.00	1.47	18.33
5 TO 9	4.25	3.67	4.84	2.20	.00	.00	.73	15.69
10- UP	4.40	2.79	.73	1.03	.44	.00	1.91	11.29
TOTAL	17.16	12.76	6.45	4.25	.59	.00	4.11	45.31

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.38	2.20	.59	.15	.00	.00	3.37	15.69
5 TO 9	4.84	.88	.29	.00	.00	.00	1.17	7.18
10- UP	8.80	6.30	.15	.00	.00	.00	3.67	18.91
TOTAL	23.02	9.38	1.03	.15	.00	.00	8.21	41.79

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 12 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.45	2.79	1.76	1.17	.15	.08	2.93	16.25
5 TO 9	5.13	3.08	1.61	1.47	.00	.15	.44	11.88
10- UP	.88	1.76	1.91	.73	.00	.00	.00	5.28
TOTAL	12.46	7.62	5.28	3.37	.15	.15	3.37	32.40

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.17	5.72	3.62	.59	.44	.00	1.32	23.75
5 TO 9	4.99	5.28	2.05	4.40	1.61	.15	.00	18.48
10- UP	.00	9.38	6.69	1.91	.00	.00	.00	18.18
TOTAL	17.16	20.38	12.46	6.89	2.05	.15	1.32	60.41

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	6.74	.59	.88	.15	.00	1.32	17.01
5 TO 9	4.69	2.35	5.87	1.76	.00	.00	.88	15.54
10- UP	4.25	3.52	1.47	1.76	1.03	.00	1.32	13.34
TOTAL	16.28	12.61	7.92	4.40	1.17	.00	3.52	45.89

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.41	3.96	.73	.15	.00	.00	2.93	18.18
5 TO 9	6.01	.59	.29	.00	.00	.00	1.47	8.36
10- UP	6.06	7.33	.00	.00	.00	.00	4.40	19.79
TOTAL	24.49	11.88	1.03	.15	.00	.00	8.80	46.33

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 13 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.84	2.49	1.76	1.61	.44	.00	3.23	14.37
5 TO 9	4.40	2.05	1.91	.88	.29	.00	1.03	10.56
10- UP	2.20	2.20	2.64	1.32	.15	.00	.15	8.65
TOTAL	11.44	6.74	6.30	3.81	.88	.00	4.40	33.58

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.85	3.81	4.25	.44	.00	.00	.73	20.09
5 TO 9	3.52	6.89	2.05	4.69	2.35	.00	.00	19.50
10- UP	.00	9.39	8.80	1.91	.44	.00	.00	20.23
TOTAL	14.37	19.79	15.10	7.04	2.79	.00	.73	59.82

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	5.87	.44	1.32	.29	.00	1.32	18.33
5 TO 9	2.93	2.79	5.13	3.81	.15	.00	.73	15.54
10- UP	4.25	3.96	2.05	1.61	1.76	.00	2.49	16.13
TOTAL	16.28	12.61	7.62	6.74	2.20	.00	4.55	50.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.60	3.23	.15	.00	.00	.00	2.93	12.90
5 TO 9	4.84	.59	.29	.00	.00	.00	.88	6.60
10- UP	9.68	8.21	.29	.00	.00	.00	5.13	23.31
TOTAL	21.11	12.02	.73	.00	.00	.00	8.94	42.82

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TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 14 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.79	2.49	1.61	1.03	.73	.00	3.23	11.88
5 TO 9	2.93	1.61	1.91	1.61	.00	.00	1.17	9.29
10- UP	.29	2.49	3.52	1.91	.15	.00	.15	8.50
TOTAL	6.01	6.60	7.04	4.55	.88	.00	4.55	29.62

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	3.67	3.67	.88	.16	.00	1.47	19.35
5 TO 9	4.40	5.87	2.20	6.16	3.23	.00	.00	21.85
10- UP	.15	12.46	7.18	4.40	.00	.00	.00	24.19
TOTAL	14.08	21.99	13.05	11.44	3.37	.00	1.47	65.40

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	3.67	.29	.73	1.03	.00	.73	13.78
5 TO 9	2.05	2.79	5.72	3.81	.15	.00	.44	14.96
10- UP	8.36	2.93	1.76	2.35	2.35	.00	1.17	18.91
TOTAL	17.74	9.38	7.77	6.89	3.52	.00	2.35	47.65

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.30	1.91	.29	.00	.00	.00	2.79	11.29
5 TO 9	5.43	1.03	.15	.00	.00	.00	2.05	8.65
10- UP	10.12	10.12	.44	.00	.00	.00	6.30	26.98
TOTAL	21.85	13.05	.88	.00	.00	.00	11.14	46.92

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 15 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.20	2.35	1.61	1.17	.73	.00	1.32	9.38
5 TO 9	2.93	1.76	2.05	1.61	.44	.00	.29	9.09
10- UP	.73	2.64	4.69	2.20	.00	.00	.15	10.41
TOTAL	5.87	6.74	8.36	4.99	1.17	.00	1.76	28.89

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.04	2.05	2.49	.59	.15	.15	.88	13.34
5 TO 9	2.49	4.40	2.20	7.92	4.11	.00	.00	21.11
10- UP	.00	14.66	11.29	3.96	.00	.00	.00	29.91
TOTAL	9.53	21.11	15.98	12.46	4.25	.15	.88	64.37

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.11	1.61	.73	1.61	.73	.15	.59	9.53
5 TO 9	3.52	1.47	5.43	5.43	.15	.00	.29	16.28
10- UP	5.43	3.67	2.05	2.49	3.08	.00	4.11	20.82
TOTAL	13.06	6.74	8.21	9.53	3.96	.15	4.99	46.63

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.55	2.49	.15	.00	.00	.00	1.47	8.65
5 TO 9	2.93	.59	.00	.00	.00	.00	1.61	5.13
10- UP	10.41	14.08	.29	.00	.00	.00	8.06	32.84
TOTAL	17.89	17.16	.44	.00	.00	.00	11.14	46.63

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 16 NUMBER OBS. 662

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.04	1.17	.44	.88	.00	.08	1.47	6.60
5 TO 9	1.17	1.32	2.35	1.61	.59	.15	.00	6.69
10- UP	1.03	2.93	5.57	3.08	.00	.00	.44	13.05
TOTAL	4.64	5.43	8.06	5.57	.59	.15	1.91	26.54

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	5.87	3.23	1.47	2.20	.73	.00	.59	14.08
5 TO 9	1.76	4.25	3.81	8.94	4.84	.29	.15	24.05
10- UP	.29	12.90	14.08	3.81	.15	.00	.00	31.23
TOTAL	7.92	20.38	19.36	14.96	5.72	.29	.73	69.35

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	4.55	2.64	.73	1.32	.00	.00	.30	10.12
5 TO 9	1.03	.88	5.57	6.16	.00	.29	.59	14.52
10- UP	8.21	3.37	2.49	3.81	3.67	.00	4.11	25.66
TOTAL	13.78	6.89	8.80	11.29	3.67	.29	5.57	50.29

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.64	1.03	.44	.00	.00	.00	2.05	6.16
5 TO 9	3.08	.44	.00	.00	.00	.00	.73	4.25
10- UP	9.68	14.66	.00	.15	.00	.00	10.70	35.19
TOTAL	15.40	16.13	.44	.15	.00	.00	13.49	45.60

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 17 NUMBER OBS. 662

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.76	1.03	1.03	1.32	.73	.08	.29	6.16
5 TO 9	1.61	1.17	2.79	2.35	.15	.00	.15	8.21
10- UP	1.17	2.79	6.45	2.49	.15	.00	.00	13.05
TOTAL	4.55	4.99	10.26	6.16	1.03	.08	.44	27.42

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	3.52	1.91	2.49	1.32	.59	.15	.88	10.85
5 TO 9	.88	4.25	3.81	10.70	4.11	.29	.00	24.05
10- UP	.00	14.22	15.54	3.81	.29	.00	.00	33.87
TOTAL	4.40	20.38	21.85	15.84	4.99	.44	.88	68.77

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.76	2.35	1.17	1.76	.29	.08	.88	8.21
5 TO 9	1.17	1.47	7.16	7.04	.15	.15	.00	17.16
10- UP	8.06	3.81	2.49	3.23	3.23	.00	4.99	25.81
TOTAL	11.00	7.62	10.85	12.02	3.67	.15	5.87	51.17

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.05	.73	.15	.15	.00	.00	1.17	4.25
5 TO 9	1.03	.29	.00	.00	.00	.00	1.03	2.35
10- UP	6.94	17.46	.00	.15	.00	.00	11.88	38.42
TOTAL	12.02	18.48	.15	.29	.00	.00	14.08	45.01

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TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 18 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.88	.73	1.61	1.32	.59	.29	.29	6.72
5 TO 9	.73	1.32	4.40	1.76	.44	.00	.00	8.65
10- UP	1.47	2.49	6.01	1.17	.00	.00	.29	11.44
TOTAL	3.08	4.55	12.02	4.25	1.03	.29	.59	25.81

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.91	1.32	3.67	1.47	.15	.15	.29	8.94
5 TO 9	.88	7.62	4.84	12.17	1.91	.00	.15	27.57
10- UP	.00	17.89	14.52	2.64	.00	.15	.00	35.19
TOTAL	2.79	26.83	23.02	16.28	2.35	.29	.44	71.78

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.32	.73	1.91	.44	.15	.00	.29	4.84
5 TO 9	1.32	1.61	10.56	6.60	.15	.00	.29	20.53
10- UP	7.92	3.81	3.81	1.32	1.61	.15	4.99	23.61
TOTAL	10.56	6.16	16.26	8.36	1.91	.15	5.57	48.97

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	.44	.00	.59	.00	.00	.73	2.79
5 TO 9	2.49	.29	.00	.00	.00	.00	1.91	4.69
10- UP	11.58	16.42	.00	.15	.00	.00	12.90	41.06
TOTAL	15.10	17.16	.00	.73	.00	.00	15.54	48.53

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 19 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.88	1.91	2.79	1.61	.44	.15	.15	7.92
5 TO 9	1.17	5.13	5.13	.73	.15	.00	.15	12.46
10- UP	1.03	2.93	2.36	.29	.00	.00	.15	6.74
TOTAL	3.08	9.97	10.26	2.64	.59	.15	.44	27.13

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.79	3.23	9.09	.59	.00	.00	.00	15.69
5 TO 9	3.06	11.58	4.11	7.62	.59	.00	.15	27.13
10- UP	.00	19.21	8.36	1.61	.00	.00	.00	29.18
TOTAL	5.87	34.02	21.55	9.82	.59	.00	.15	71.99

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.88	3.81	2.20	.15	.29	.00	.29	7.62
5 TO 9	2.20	3.52	14.52	3.08	.15	.00	.88	24.34
10- UP	8.53	2.35	2.20	.29	.44	.00	5.57	19.35
TOTAL	11.08	9.68	18.91	3.52	.88	.00	6.74	51.32

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	.15	.15	.00	.00	.00	1.03	2.35
5 TO 9	5.87	.29	.00	.00	.00	.00	2.64	8.80
10- UP	18.91	9.68	.15	.00	.00	.00	7.62	36.36
TOTAL	25.81	10.12	.29	.00	.00	.00	11.29	47.51

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 20 NUMBER OBS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.47	4.40	2.49	1.17	.15	.15	.88	10.70
5 TO 9	3.81	6.74	4.40	.44	.00	.00	.00	15.40
10- UP	2.06	2.79	.86	.00	.00	.00	.15	5.87
TOTAL	7.33	13.93	7.77	1.61	.15	.15	1.03	31.96

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.06	7.77	8.36	.59	.00	.00	.00	18.77
5 TO 9	8.50	7.48	2.93	5.67	.29	.00	.00	25.07
10- UP	.00	15.84	5.87	.73	.29	.00	.00	22.73
TOTAL	10.56	31.09	17.16	7.18	.59	.00	.00	66.57

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.76	8.36	1.76	.29	.15	.08	.15	12.46
5 TO 9	6.45	6.16	12.46	1.91	.00	.00	1.47	28.45
10- UP	7.04	3.23	1.32	.29	.29	.00	3.96	16.13
TOTAL	15.26	17.74	15.54	2.49	.44	.08	5.57	57.04

RUNWAY 9 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	.73	.29	.29	.00	.00	.00	1.03	2.35
5 TO 9	10.70	.15	.00	.00	.00	.00	2.05	12.90
10- UP	15.90	6.45	.00	.00	.00	.00	4.11	25.95
TOTAL	26.83	6.89	.29	.00	.00	.00	7.18	41.20

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 21 NUMBER OBS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.79	3.96	2.64	.29	.00	1.32	11.14	
5 TO 9	7.92	7.18	3.37	.44	.29	.00	.59	19.79
10- UP	1.91	1.91	.44	.15	.00	.00	.29	4.69
TOTAL	12.61	13.05	6.45	.88	.44	.08	2.20	35.63

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	3.52	12.02	9.39	.00	.00	.00	.15	24.78
5 TO 9	7.92	6.16	1.61	3.37	.15	.15	.00	19.35
10- UP	.00	11.88	4.69	.73	.00	.00	.00	17.30
TOTAL	11.44	30.36	15.40	4.11	.15	.15	.15	61.44

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	4.84	12.02	.73	.44	.00	.00	.44	18.48
5 TO 9	10.26	6.30	11.58	.59	.00	.00	3.08	31.82
10- UP	6.60	2.35	.59	.00	.29	.00	2.20	12.02
TOTAL	21.70	20.67	12.90	1.03	.29	.00	5.72	62.32

RUNWAY 9 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.61	.29	.00	.00	.00	.00	.73	2.64
5 TO 9	10.26	.00	.00	.00	.00	.00	1.47	11.73
10- UP	12.17	5.87	.00	.00	.00	.00	2.20	20.23
TOTAL	24.05	6.16	.00	.00	.00	.00	4.40	34.60

TABLE 5.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 22 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.96	3.67	1.32	.29	.29	.00	2.35	11.88
5 TO 9	11.56	8.21	1.61	.00	.00	.00	.88	22.29
10- UP	2.79	1.17	.44	.00	.00	.00	.00	4.40
TOTAL	18.33	13.05	3.37	.29	.29	.00	3.23	38.56

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.11	12.32	6.89	.15	.00	.00	.29	23.75
5 TO 9	6.16	5.43	2.49	3.81	.00	.15	.00	18.04
10- UP	.00	10.85	3.52	.44	.15	.00	.00	14.96
TOTAL	10.26	28.59	12.90	4.40	.15	.15	.29	56.74

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.18	12.61	.29	.15	.00	.00	1.76	21.99
5 TO 9	12.02	7.33	10.41	.88	.00	.00	2.49	33.14
10- UP	5.13	1.76	1.03	.15	.15	.00	2.20	10.41
TOTAL	24.34	21.70	11.73	1.17	.15	.00	6.45	65.59

RUNWAY 8

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.17	.15	.00	.00	.00	.00	1.17	2.49
5 TO 9	6.94	.00	.00	.00	.00	.00	.88	9.82
10- UP	12.76	3.37	.00	.00	.00	.00	1.32	17.45
TOTAL	22.87	3.52	.00	.00	.00	.00	3.37	29.77

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 23 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.69	3.67	1.32	.44	.15	.00	2.35	12.61
5 TO 9	14.08	5.87	1.61	.29	.00	.00	1.61	23.46
10- UP	3.08	.88	.73	.15	.00	.00	.44	5.28
TOTAL	21.85	10.41	3.67	.88	.15	.00	4.40	41.35

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.67	12.17	8.50	.15	.00	.15	.00	24.63
5 TO 9	6.74	5.43	1.61	2.20	.15	.00	.00	16.13
10- UP	.00	8.65	3.23	.44	.00	.00	.00	12.32
TOTAL	10.41	26.25	13.34	2.79	.15	.15	.00	53.08

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.21	12.76	.59	.00	.00	.00	1.61	23.17
5 TO 9	11.29	10.26	9.53	.44	.00	.00	4.40	35.92
10- UP	3.81	1.91	.73	.29	.15	.00	2.20	9.09
TOTAL	23.31	24.93	10.85	.73	.15	.00	8.21	68.18

RUNWAY 8

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.73	.15	.15	.00	.00	.00	.59	1.61
5 TO 9	8.80	.00	.00	.00	.00	.00	.73	9.53
10- UP	10.26	3.37	.00	.00	.00	.00	1.47	15.10
TOTAL	19.79	3.52	.15	.00	.00	.00	2.79	26.25

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TABLE 5.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF MAY

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
30-02	16.01	8.03	7.98	13.71	19.24
33-05	17.33	8.05	9.25	13.24	23.71
36-08	17.91	7.88	10.03	11.93	29.58
39-11	19.29	9.74	9.54	14.05	31.10
12-14	23.23	11.21	11.99	16.46	37.58
15-17	15.92	7.39	8.13	10.22	29.38
18-20	9.23	5.34	3.87	7.44	13.67
21-23	13.56	8.37	5.19	13.61	13.47
30-23	16.53	6.25	8.25	12.49	24.31

*** RUNWAY 35 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
16.35	7.93	8.42	16.65	16.07
17.57	7.78	9.79	14.83	20.60
17.03	9.01	8.03	17.34	16.70
21.54	12.09	9.45	26.03	17.64
24.57	13.75	10.82	36.03	17.50
16.98	9.06	7.93	27.82	11.76
10.77	5.04	5.73	16.86	8.17
13.85	4.65	9.20	10.83	16.12
17.33	6.66	8.67	20.26	15.15

5.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
30-02	16.01	8.32	7.68	28.29	10.89
33-05	21.96	9.69	12.29	27.54	18.96
36-08	21.24	9.06	12.19	21.34	21.17
39-11	23.40	10.47	12.92	18.94	28.92
12-14	27.02	13.93	13.12	26.69	27.37
15-17	23.01	12.09	10.92	23.91	22.08
18-20	14.39	8.17	6.22	17.22	11.64
21-23	16.36	11.01	7.34	31.82	11.23
30-23	20.67	10.34	10.33	23.83	18.25

*** RUNWAY 4 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
14.10	6.51	7.59	8.48	32.63
18.26	6.81	9.45	11.25	43.57
18.16	10.08	8.08	13.33	33.13
24.27	14.83	10.03	24.18	25.95
26.58	14.15	12.43	25.85	27.46
22.27	10.82	11.45	19.91	25.08
15.27	7.00	8.27	12.88	18.11
17.08	6.07	11.01	8.70	36.47
19.57	9.78	9.79	14.90	28.50

TABLE 5.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF MAY

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	2.26	7.61	3.85	13.71
03-05	4.82	5.78	2.65	13.24
06-08	5.93	4.15	1.85	11.93
09-11	8.47	3.53	2.05	14.05
12-14	7.98	5.61	2.86	16.46
15-17	4.19	2.64	3.38	10.22
18-20	3.14	1.84	2.46	7.44
21-23	3.42	6.93	3.26	13.61
00-23	5.08	4.63	2.76	12.47

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
11.41	4.01	1.23	16.65
10.35	3.73	.75	14.83
11.59	5.00	.75	17.34
19.39	5.58	1.05	26.03
20.90	11.92	3.21	36.03
11.28	9.92	6.62	27.82
6.06	6.55	4.26	16.86
6.39	3.76	.68	10.83
12.31	5.97	1.99	20.26

5.4B

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	12.15	15.31	.63	28.29
03-05	14.05	12.93	.56	27.54
06-08	13.15	6.92	1.27	21.34
09-11	15.00	7.35	1.59	18.94
12-14	14.10	9.40	3.20	26.69
15-17	6.42	8.91	6.58	23.91
18-20	4.43	10.72	2.06	17.22
21-23	11.74	19.52	.57	31.82
00-23	10.77	10.75	2.31	23.83

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
1.53	3.06	3.89	8.48
3.69	3.87	3.69	11.25
3.82	3.04	6.47	13.33
13.41	4.95	5.83	24.18
10.02	5.28	10.55	25.85
3.69	2.16	14.05	19.91
1.08	2.16	9.64	12.88
.70	2.52	5.47	8.70
4.52	3.37	7.01	14.90

TABLE 5.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (MAY, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 5/43 - 5/68
MONTH OF RECORD - 5,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	3.73	1.72	3.85	2.53	3.38	.3460	713
1	5.95	1.40	5.42	3.36	8.59	.4711	715
2	3.64	.28	5.94	4.65	6.26	.2272	697
3	3.39	.77	7.25	5.87	1.55	.0365	669
4	5.11	.87	8.21	7.61	3.75	.0600	545
5	7.49	.93	9.08	9.52	-.08	-.0009	631
6	9.74	.73	10.25	11.33	-1.76	-.0091	624
7	12.42	.80	11.56	13.81	-.91	-.0057	577
8	14.46	.70	13.07	15.47	-.70	-.0035	574
9	16.69	.69	14.11	16.61	3.95	.0168	572
10	18.69	1.22	14.35	16.85	7.19	.0297	566
11	20.33	2.16	13.93	16.37	15.87	.0696	565
12	21.31	2.90	13.20	14.74	18.36	.0944	565
13	20.58	3.33	11.01	12.47	15.87	.1156	560
14	18.60	3.47	9.38	10.53	11.67	.1181	556
15	15.79	3.41	7.72	8.57	4.70	.0710	548
16	12.83	3.41	6.78	7.19	1.98	.0385	543
17	9.28	2.99	5.75	6.03	-2.16	-.0624	539
18	5.70	2.29	4.87	4.62	.92	.0411	522
19	2.38	1.27	4.04	3.57	1.21	.0839	513
20	-.03	.45	3.71	2.95	.38	.0346	504
21	-1.22	-.05	3.77	2.92	-.54	-.0493	481
22	-2.42	-.05	3.88	2.53	1.53	.1556	472
23	-2.58	-.15	3.98	2.48	.90	.0912	457
24	-2.48	-.43	4.54	2.72	1.46	.1185	427
25	-2.15	-.51	5.09	2.98	.75	.0509	420
26	-1.63	-.34	5.94	2.80	1.81	.1088	408
27	-1.27	-.09	6.39	3.17	3.18	.1570	376

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

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TABLE 6.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF JUNE

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	35.15	37.88	14.49	3.69	.06	.00	8.74	1980
03-05	36.26	32.17	11.72	3.94	.15	.00	15.76	1980
06-08	25.51	29.44	15.40	5.25	.61	.15	23.64	1980
09-11	26.67	26.72	14.44	5.66	1.26	.15	25.10	1980
12-14	25.71	25.25	19.29	10.76	2.96	.61	15.40	1980
15-17	11.26	25.66	29.19	21.46	5.61	1.16	5.66	1980
18-20	7.27	39.95	32.78	15.86	2.42	.30	1.41	1980
21-23	26.62	47.47	16.72	4.60	.25	.10	4.24	1980
00-23	24.31	33.07	19.26	8.96	1.67	.31	12.49	15840

6.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	43.33	35.10	9.24	1.01	.00	.00	11.31	1980
03-05	38.69	31.21	9.04	.81	.20	.00	19.85	1980
06-08	36.41	25.56	10.35	1.21	.30	.05	26.11	1980
09-11	41.36	19.70	6.97	1.72	.81	.15	29.29	1980
12-14	39.04	22.58	8.64	4.60	2.27	.35	22.58	1980
15-17	28.43	26.06	10.15	10.15	4.49	.40	20.30	1980
18-20	33.36	20.26	16.21	5.86	1.31	.10	16.87	1980
21-23	43.64	32.58	11.16	.96	.05	.00	11.62	1980
00-23	38.06	27.38	10.22	3.29	1.18	.13	19.74	15840

6.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	46.18	25.76	8.48	.91	.00	.00	16.67	1980
03-05	43.99	21.67	6.54	.86	.10	.00	24.85	1980
06-08	35.91	20.66	9.80	1.21	.30	.05	31.67	1980
09-11	39.49	16.72	6.87	1.82	.66	.10	34.34	1980
12-14	36.94	18.99	8.33	3.99	2.17	.25	27.32	1980
15-17	26.89	25.61	9.34	9.60	3.94	.40	22.17	1980
18-20	34.34	26.11	15.40	5.51	1.26	.10	17.27	1980
21-23	46.64	25.66	10.51	.96	.05	.00	14.19	1980
00-23	39.60	22.67	9.66	3.11	1.07	.11	23.69	15840

6.1C

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TABLE 6.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF JUNE

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	13.74	25.66	5.25	1980	31.97	12.22	8.03
03-05	14.39	22.58	4.95	1980	32.53	8.99	6.21
06-08	14.19	16.57	5.05	1980	28.08	9.60	9.70
09-11	14.49	10.40	3.99	1960	25.51	13.89	13.38
12-14	16.36	10.05	6.57	1980	21.52	18.54	17.78
15-17	9.90	8.74	11.01	1980	11.31	25.10	30.56
18-20	8.94	10.96	7.32	1980	14.55	26.97	30.25
21-23	12.73	22.42	4.80	1960	28.38	16.32	13.59
00-23	13.09	15.92	6.12	15840	24.23	16.48	16.19

6.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	32.47	35.30	10.05	1980	2.07	7.17	9.80
03-05	33.84	31.01	8.99	1980	3.99	4.75	7.07
06-08	28.06	25.00	11.36	1980	4.14	4.04	10.51
09-11	20.40	14.55	11.11	1960	12.98	7.07	15.35
12-14	17.02	16.92	16.01	1980	13.03	7.63	19.75
15-17	9.70	17.12	27.17	1980	4.34	4.60	33.48
18-20	6.87	22.53	24.04	1980	1.57	7.42	36.57
21-23	25.35	32.93	12.93	1960	1.31	9.70	16.21
00-23	21.72	24.42	15.21	15840	5.43	6.55	18.59

6.2B

TABLE 6.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 0 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.79	5.00	1.52	.45	.00	.00	2.73	13.48
5 TO 9	15.76	6.36	1.36	.45	.00	.00	1.36	25.30
10- UP	3.18	1.52	.61	.00	.00	.00	.00	5.30
TOTAL	22.73	12.88	3.46	.91	.00	.00	4.09	44.09

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.09	19.09	8.33	.30	.00	.00	.15	31.97
5 TO 9	7.27	3.33	1.06	2.73	.00	.00	.00	14.39
10- UP	.00	5.76	1.52	.15	.00	.00	.00	7.42
TOTAL	11.36	28.18	10.91	3.18	.00	.00	.15	53.79

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	19.39	.15	.00	.00	.00	1.82	30.45
5 TO 9	14.55	9.70	8.64	.91	.00	.00	3.48	37.27
10- UP	4.70	3.48	1.21	.15	.00	.00	1.06	10.61
TOTAL	28.33	32.58	10.00	1.06	.00	.00	6.36	78.33

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.30	.15	.00	.00	.00	.00	.76	1.21
5 TO 9	8.79	.00	.00	.00	.00	.00	.61	9.39
10- UP	4.85	3.64	.00	.00	.00	.00	.45	8.94
TOTAL	13.94	3.79	.00	.00	.00	.00	1.82	19.55

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 1 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.85	4.09	.76	.15	.00	.00	3.64	13.48
5 TO 9	16.03	4.09	2.88	.30	.00	.00	1.67	26.97
10- UP	3.18	1.21	.45	.00	.00	.00	.00	4.85
TOTAL	24.06	9.39	4.09	.45	.00	.00	5.30	45.30

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.36	17.58	7.58	.15	.15	.00	.00	31.82
5 TO 9	4.70	2.73	1.36	2.27	.00	.00	.00	11.06
10- UP	.00	6.67	1.97	.45	.00	.00	.00	9.09
TOTAL	11.06	26.97	10.91	2.88	.15	.00	.00	51.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.12	18.64	.15	.15	.00	.00	1.52	32.58
5 TO 9	13.94	11.36	8.48	.45	.00	.08	2.73	36.97
10- UP	3.64	2.27	.76	.15	.00	.00	1.97	8.79
TOTAL	29.70	32.27	9.39	.76	.00	.00	6.21	78.33

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.67	.00	.00	.00	.00	.00	.61	2.27
5 TO 9	5.61	.15	.00	.00	.00	.00	.15	5.91
10- UP	6.97	3.03	.00	.00	.00	.00	.76	10.76
TOTAL	14.24	3.18	.00	.00	.00	.00	1.52	18.94

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 2 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.15	2.73	1.67	.15	.00	.00	4.55	14.24
5 TO 9	14.09	4.85	2.56	.76	.00	.00	2.42	24.70
10- UP	3.64	1.21	.30	.30	.00	.00	.15	5.61
TOTAL	22.88	8.79	4.55	1.21	.00	.00	7.12	44.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.06	18.94	6.97	.00	.00	.00	.15	32.12
5 TO 9	5.30	2.58	1.06	2.27	.00	.00	.00	11.21
10- UP	.00	5.91	1.52	.15	.00	.00	.00	7.58
TOTAL	11.36	27.42	9.55	2.42	.00	.00	.15	50.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.24	16.79	.00	.00	.00	.00	1.36	34.39
5 TO 9	11.02	8.33	7.27	1.21	.30	.00	3.03	31.67
10- UP	4.39	3.33	1.06	.00	.00	.00	1.97	10.76
TOTAL	30.45	30.45	8.33	1.21	.00	.00	6.36	76.82

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.36	.15	.00	.00	.00	.00	1.21	2.73
5 TO 9	5.91	.00	.00	.00	.00	.00	.30	6.21
10- UP	6.06	2.88	.00	.00	.00	.00	.76	9.70
TOTAL	13.33	3.03	.00	.00	.00	.00	2.27	18.64

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 3 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.21	3.03	.91	.30	.15	.00	3.79	14.39
5 TO 9	14.55	6.36	1.97	.61	.00	.00	1.21	24.70
10- UP	2.88	1.06	.30	.15	.00	.00	.76	4.85
TOTAL	23.64	10.45	2.88	1.06	.15	.00	5.76	43.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.06	19.24	6.67	.00	.00	.00	.15	32.12
5 TO 9	4.85	2.12	1.36	2.73	.00	.00	.00	11.06
10- UP	.00	4.55	.91	.91	.00	.00	.00	6.36
TOTAL	10.91	25.91	8.94	3.64	.00	.00	.15	49.55

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.42	19.85	.15	.00	.00	.00	2.58	35.00
5 TO 9	11.36	9.85	8.64	.76	.30	.00	2.27	33.18
10- UP	4.55	2.27	1.36	.15	.00	.00	2.12	10.45
TOTAL	28.33	31.97	10.15	.91	.30	.00	6.97	78.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.91	.00	.00	.00	.00	.00	.76	1.67
5 TO 9	5.45	.00	.00	.00	.00	.00	.30	5.76
10- UP	4.39	1.67	.00	.00	.00	.00	1.36	7.42
TOTAL	10.76	1.67	.00	.00	.00	.00	2.42	14.85

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TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 4 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	2.42	.76	.30	.00	.00	3.03	14.85
5 TO 9	13.33	5.15	1.36	.45	.00	.00	1.97	22.27
10- UP	2.88	1.21	.45	.00	.00	.00	.45	6.06
TOTAL	24.55	8.79	2.58	.76	.00	.00	5.45	42.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	16.82	7.27	.30	.00	.00	.15	33.79
5 TO 9	3.33	1.06	.76	2.42	.15	.00	.00	7.42
10- UP	.00	5.15	1.52	.15	.00	.00	.00	6.82
TOTAL	12.27	23.03	9.55	2.88	.15	.00	.15	48.03

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.94	17.58	.00	.15	.00	.00	4.09	35.76
5 TO 9	10.30	9.24	8.64	.61	.00	.00	2.42	31.21
10- UP	4.09	1.97	.61	.00	.15	.00	.76	7.58
TOTAL	28.33	28.79	9.24	.76	.15	.00	7.27	74.55

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.88	.00	.00	.00	.00	.00	1.67	4.55
5 TO 9	3.64	.00	.00	.00	.00	.00	.15	3.79
10- UP	4.09	2.58	.00	.00	.00	.00	.61	7.27
TOTAL	10.61	2.58	.00	.00	.00	.00	2.42	15.61

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 5 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.27	2.88	.91	.00	.00	.00	2.88	13.94
5 TO 9	12.58	5.00	1.52	.61	.00	.00	1.06	20.76
10- UP	3.33	1.21	.00	.15	.00	.00	.30	6.00
TOTAL	23.18	9.09	2.42	.76	.00	.00	4.24	39.70

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.61	13.03	7.42	.15	.00	.00	.45	31.67
5 TO 9	3.64	1.52	.61	2.58	.15	.00	.00	8.48
10- UP	.00	4.70	.76	.00	.00	.00	.00	5.45
TOTAL	14.24	19.24	8.79	2.73	.15	.00	.45	45.61

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.09	13.79	.00	.00	.00	.00	2.88	30.76
5 TO 9	8.79	9.70	7.42	.61	.00	.00	2.12	28.64
10- UP	4.70	2.58	.30	.15	.15	.00	1.06	8.94
TOTAL	27.58	26.06	7.73	.76	.15	.00	6.06	68.33

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.33	.00	.00	.00	.00	.00	2.42	5.76
5 TO 9	4.09	.15	.00	.00	.00	.00	.45	4.70
10- UP	3.64	2.42	.00	.00	.00	.00	.45	6.52
TOTAL	11.06	2.58	.00	.00	.00	.00	3.33	16.97

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TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 6 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.76	2.88	.61	.15	.00	.15	5.91	15.45
5 TO 9	10.45	4.85	1.97	.76	.00	.00	.61	18.64
10- UP	3.16	1.21	.76	.00	.00	.00	.15	5.30
TOTAL	19.39	8.94	3.33	.91	.00	.15	6.67	39.39

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.18	15.76	6.36	.00	.00	.00	.91	31.21
5 TO 9	2.58	1.36	1.36	3.03	.15	.00	.00	8.48
10- UP	.00	5.15	1.06	.15	.00	.00	.00	6.36
TOTAL	10.76	22.27	8.79	3.18	.15	.00	.91	46.06

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.55	16.06	.15	.00	.00	.00	2.42	33.18
5 TO 9	6.94	7.27	8.18	.91	.00	.00	1.97	27.27
10- UP	4.39	2.56	.76	.30	.00	.00	2.12	10.15
TOTAL	27.88	25.91	9.09	1.21	.00	.00	6.52	70.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.58	.00	.00	.00	.00	.00	1.82	4.39
5 TO 9	3.33	.30	.00	.00	.00	.00	.30	3.64
10- UP	3.79	2.73	.00	.00	.00	.00	.30	6.82
TOTAL	9.70	2.73	.00	.00	.00	.00	2.42	14.85

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 7 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.45	1.82	1.21	.30	.30	.00	4.24	13.33
5 TO 9	9.24	4.39	2.42	.61	.15	.00	.45	17.27
10- UP	1.52	1.97	1.36	.45	.00	.00	.15	5.45
TOTAL	16.21	8.18	5.30	1.36	.45	.00	4.85	36.06

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.12	11.97	8.03	.15	.15	.00	.61	28.03
5 TO 9	2.88	1.21	1.36	3.94	.30	.00	.00	9.73
10- UP	.00	7.88	2.56	.00	.00	.00	.00	10.45
TOTAL	10.00	21.06	11.97	4.09	.45	.00	.61	48.18

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.52	12.12	.00	.00	.00	.00	3.18	26.82
5 TO 9	7.58	6.06	10.91	.76	.00	.00	1.82	27.12
10- UP	5.15	2.73	.91	.30	.30	.00	2.58	11.97
TOTAL	24.24	20.91	11.82	1.06	.30	.00	7.58	65.91

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.67	.45	.00	.00	.00	.00	1.67	3.79
5 TO 9	3.18	.00	.00	.00	.00	.00	.15	3.33
10- UP	5.76	5.00	.00	.00	.00	.00	.45	11.21
TOTAL	10.61	5.45	.00	.00	.00	.00	2.27	18.33

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TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 8 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.09	1.97	.45	.76	.30	.00	6.21	13.79	6.06	10.45	7.68	.00	.00	.00	.91	25.00
5 TO 9	5.76	3.69	2.06	1.21	.15	.00	.15	13.79	3.33	2.27	.61	3.79	.30	.30	.00	10.61
10- UP	1.06	1.06	2.12	.15	.00	.00	.00	4.39	.00	8.48	3.48	.30	.00	.00	.00	12.27
TOTAL	10.91	6.67	5.45	2.12	.45	.00	6.36	31.97	9.39	21.21	11.67	4.09	.30	.30	.91	47.88

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.06	10.76	.00	.00	.00	.00	2.42	24.24	2.73	.15	.00	.00	.00	.00	1.36	4.24
5 TO 9	5.15	4.24	8.79	1.21	.00	.00	1.21	20.61	4.09	.00	.00	.00	.00	.00	1.06	5.15
10- UP	5.45	1.97	1.36	.15	.45	.15	2.42	11.97	8.33	4.55	.00	.00	.15	.00	.45	13.48
TOTAL	21.67	16.97	10.15	1.36	.45	.15	6.06	56.82	15.15	4.70	.00	.00	.15	.00	2.88	22.88

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 9 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.55	1.36	1.21	.91	.15	.00	5.91	14.09	9.24	6.79	4.85	.15	.00	.00	1.36	24.39
5 TO 9	2.88	4.09	2.12	1.06	.00	.00	.45	10.61	2.88	4.70	1.21	3.03	.61	.00	.00	12.42
10- UP	.15	1.21	1.36	.45	.00	.00	.00	3.18	.15	8.94	3.79	.45	.15	.15	.00	13.64
TOTAL	7.58	6.67	4.70	2.42	.15	.00	6.36	27.88	12.27	22.42	9.85	3.64	.76	.15	1.36	50.45

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.45	9.70	.30	.00	.15	.00	2.12	22.73	6.21	.30	.00	.00	.00	.00	2.42	8.94
5 TO 9	3.79	1.67	6.82	1.36	.00	.15	1.67	15.45	4.39	.00	.00	.15	.00	.00	.61	5.15
10- UP	4.55	2.73	.30	.15	.61	.15	2.12	10.61	10.15	4.39	.00	.00	.00	.00	.76	15.30
TOTAL	18.79	14.09	7.42	1.52	.76	.30	5.91	48.79	20.76	4.70	.00	.15	.00	.00	3.79	29.39

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 10 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.21	1.21	1.36	.61	.30	.00	3.64	13.33
5 TO 9	4.24	3.18	1.67	.61	.15	.00	.76	10.61
10- UP	.61	.91	1.82	.30	.00	.00	.00	3.64
TOTAL	11.06	5.30	4.85	1.52	.45	.00	4.39	27.58

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.18	6.36	4.70	.15	.15	.00	1.67	26.21
5 TO 9	5.00	4.24	1.36	1.67	.76	.00	.00	13.03
10- UP	.00	9.24	3.03	1.36	.15	.00	.00	13.79
TOTAL	18.18	19.85	9.09	3.18	1.06	.00	1.67	53.03

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.15	7.42	.15	.15	.33	.00	1.82	20.00
5 TO 9	3.94	2.58	4.85	.76	.33	.00	.61	13.03
10- UP	3.33	2.88	.76	.61	.33	.00	2.73	10.61
TOTAL	17.42	12.88	5.76	1.52	.91	.00	5.15	43.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.15	.76	.00	.00	.00	.00	3.18	14.39
5 TO 9	5.91	.15	.15	.00	.00	.00	1.06	7.27
10- UP	7.58	6.06	.15	.00	.00	.00	1.82	15.61
TOTAL	23.64	8.97	.30	.00	.00	.00	6.06	36.97

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 11 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.12	2.73	1.67	.76	.30	.00	3.48	16.06
5 TO 9	4.85	1.21	1.97	1.06	.00	.00	.91	10.00
10- UP	.45	1.57	2.42	.45	.00	.00	.15	5.15
TOTAL	12.42	5.61	6.06	2.27	.30	.00	4.55	31.21

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.48	7.58	3.33	.15	.00	.15	1.21	25.91
5 TO 9	5.15	5.15	1.36	3.33	1.06	.00	.15	16.21
10- UP	.00	6.03	4.09	.45	.00	.15	.00	12.73
TOTAL	18.64	20.76	8.79	3.94	1.06	.30	1.36	54.85

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.18	6.67	.76	.00	.00	.00	2.88	18.48
5 TO 9	4.73	2.88	5.91	1.36	.00	.00	.30	15.15
10- UP	4.73	3.03	.61	.61	.76	.15	2.27	12.12
TOTAL	17.58	12.58	7.27	1.97	.76	.15	5.45	45.76

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.61	2.27	.00	.00	.00	.00	3.03	15.91
5 TO 9	6.67	.45	.00	.00	.00	.00	1.67	8.79
10- UP	8.64	5.15	.15	.00	.00	.00	1.21	15.15
TOTAL	25.91	7.88	.15	.00	.00	.00	5.91	39.85

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TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 12 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.52	3.16	2.27	.91	.15	.00	3.94	14.97	11.82	6.36	3.64	.91	.30	.00	1.21	23.94
5 TO 9	5.00	1.82	1.82	.61	.00	.00	.45	9.70	4.09	3.94	1.67	4.24	1.36	.15	.15	15.61
10- UP	1.06	1.62	1.97	.91	.00	.00	.15	5.61	.00	8.69	6.21	.61	.15	.00	.15	15.76
TOTAL	12.58	6.52	6.06	2.42	.15	.00	4.55	32.27	15.91	18.69	11.52	5.76	1.82	.15	1.52	55.30

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.94	5.15	.45	.45	.00	.00	1.36	15.91	11.06	2.88	.15	.00	.00	.00	2.12	16.21
5 TO 9	9.24	3.33	5.91	1.52	.30	.00	.61	15.91	6.06	.15	.00	.00	.00	.00	1.82	8.03
10- UP	5.15	2.42	.91	1.52	1.36	.00	2.27	13.64	7.27	7.27	.45	.00	.00	.00	2.27	17.27
TOTAL	17.88	10.91	7.27	3.48	1.67	.00	4.24	45.45	24.39	10.30	.61	.00	.00	.00	6.21	41.52

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 13 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.58	2.88	1.52	.76	.00	.00	3.79	16.52	9.24	6.36	4.70	.61	.45	.00	1.36	22.73
5 TO 9	3.18	3.03	2.42	1.52	.15	.00	.61	13.91	5.61	3.79	2.73	5.00	2.42	.61	.00	20.15
10- UP	.91	1.21	2.12	1.36	.15	.00	.15	5.91	.00	7.42	5.91	1.67	.15	.15	.00	15.30
TOTAL	11.67	7.12	6.06	3.64	.30	.00	4.55	33.33	14.85	17.58	13.33	7.27	3.03	.76	1.36	56.18

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.09	6.97	.30	.45	.00	.00	1.97	18.79	7.27	2.27	.30	[illegible]	.00	.00	2.88	12.73
5 TO 9	3.03	3.33	7.27	2.42	.00	.15	.91	17.12	7.12	.15	.00	[illegible]	.00	.00	1.21	8.48
10- UP	5.30	3.33	.91	1.82	2.12	.30	2.42	16.21	7.42	6.36	.30	[illegible]	.00	.00	3.64	17.73
TOTAL	17.42	13.64	8.48	4.70	2.12	.45	5.30	52.12	21.82	8.79	.61	[illegible]	.00	.00	7.73	38.94

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TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 14 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.21	3.18	1.52	.76	.30	.00	3.64	15.61
5 TO 9	3.94	2.12	1.67	1.36	.15	.00	.30	9.55
10- UP	.91	1.36	3.96	2.12	.15	.00	.15	6.16
TOTAL	11.06	6.67	6.67	4.24	.61	.00	4.09	33.33

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.73	4.70	3.64	.61	.00	.15	1.06	17.88
5 TO 9	3.79	4.39	1.52	6.82	2.88	.30	.15	19.85
10- UP	.30	10.45	9.24	1.67	.15	.45	.00	22.27
TOTAL	11.82	19.55	14.39	9.09	3.03	.91	1.21	60.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.73	5.76	.15	.45	.30	.00	1.97	16.36
5 TO 9	4.39	1.52	7.12	3.33	.15	.00	1.21	17.73
10- UP	5.30	3.18	1.36	1.67	2.58	.45	3.64	18.18
TOTAL	17.42	10.45	8.64	5.45	3.03	.45	6.82	52.27

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.30	2.42	.00	.15	.00	.00	2.27	10.15
5 TO 9	4.70	.45	.15	.00	.00	.00	1.06	8.36
10- UP	8.18	10.76	.15	.00	.00	.00	5.15	24.24
TOTAL	18.18	13.64	.30	.15	.00	.00	8.48	40.76

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 15 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.09	2.27	2.58	.45	.15	.30	2.42	11.97
5 TO 9	1.97	1.97	1.97	1.82	.45	.00	.76	6.94
10- UP	1.82	2.27	4.09	2.73	.15	.00	.00	11.06
TOTAL	7.88	6.52	8.64	5.00	.76	.00	3.18	31.97

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.91	4.55	3.03	.91	.30	.15	.45	15.30
5 TO 9	3.48	5.30	2.12	9.39	3.18	.30	.00	23.79
10- UP	.15	11.21	11.06	2.12	.15	.61	.00	25.30
TOTAL	9.55	21.06	16.21	12.42	3.64	1.06	.45	64.39

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.42	4.39	.61	.61	.76	.00	.45	13.94
5 TO 9	2.27	2.27	5.91	5.61	.30	.00	.61	16.97
10- UP	7.73	4.24	1.82	2.88	2.73	.61	3.79	23.79
TOTAL	17.42	10.61	8.33	9.09	3.79	.61	4.85	54.70

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.64	1.52	.15	.00	.00	.00	1.36	6.67
5 TO 9	3.94	.30	.15	.00	.00	.00	1.82	6.21
10- UP	13.30	12.58	.00	.00	.00	.00	5.45	28.33
TOTAL	17.88	14.39	.30	.00	.00	.00	8.64	41.21

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 16 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.18	1.67	1.82	1.52	.00	.00	1.52	9.70
5 TO 9	1.36	1.97	3.48	2.42	.00	.00	.30	9.55
10- UP	.15	1.67	4.85	3.03	.61	.00	.00	10.30
TOTAL	4.70	5.30	10.15	6.97	.61	.00	1.82	29.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.33	2.12	3.48	.61	.15	.45	.00	10.15
5 TO 9	1.82	4.55	2.58	9.85	5.91	.61	.30	25.91
10- UP	.15	13.18	13.48	3.48	.00	.15	.00	30.45
TOTAL	5.30	19.85	19.55	13.94	6.06	1.62	.30	66.52

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.24	2.58	.91	.45	.30	.00	.61	9.09
5 TO 9	1.52	1.36	7.12	6.36	.00	.00	.30	16.67
10- UP	7.88	5.30	1.21	3.03	5.76	.30	5.45	28.94
TOTAL	13.64	9.24	9.24	9.85	6.06	.30	6.36	54.70

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.52	.76	.15	.00	.00	.00	1.36	3.79
5 TO 9	2.42	.30	.00	.00	.00	.00	1.82	4.55
10- UP	8.79	15.91	.00	.00	.00	.00	8.18	32.88
TOTAL	12.73	16.97	.15	.00	.00	.00	11.36	41.21

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 17 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.82	.61	2.27	2.27	.61	.38	.15	8.03
5 TO 9	.61	.91	2.88	3.03	.15	.00	.15	7.73
10- UP	.76	2.12	5.00	3.64	.15	.00	.00	11.67
TOTAL	3.18	3.64	10.15	8.94	.91	.30	.30	27.42

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.73	1.52	2.12	1.52	.30	.15	.15	8.48
5 TO 9	.91	4.70	2.58	12.88	4.24	.30	.00	25.61
10- UP	.00	14.55	18.18	2.73	.30	.15	.00	35.91
TOTAL	3.64	20.76	22.88	17.12	4.85	.61	.15	70.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.67	2.12	.76	.76	.15	.00	.61	6.06
5 TO 9	.61	.76	7.56	6.18	.30	.00	.30	17.73
10- UP	7.73	5.45	3.64	2.58	3.18	.30	5.91	28.79
TOTAL	10.00	8.33	11.97	11.52	3.64	.30	6.82	52.58

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.52	.15	.45	.00	.00	.00	.45	2.58
5 TO 9	1.67	.15	.00	.00	.00	.00	1.21	3.03
10- UP	10.45	18.33	.00	.00	.00	.00	10.45	39.24
TOTAL	13.64	18.64	.45	.00	.00	.00	12.12	44.85

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TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 18 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	.30	.30	1.97	2.42	.61	.00	.30	5.91	1.67	.61	2.88	1.36	.61	.00	.15	7.27
5 TO 9	.30	1.52	4.24	3.03	.00	.00	.15	9.24	1.21	5.61	5.45	14.73	2.88	.30	.00	30.15
10- UP	.00	3.18	5.15	1.97	.15	.00	.15	10.61	.00	18.48	15.00	1.67	.15	.00	.00	35.30
TOTAL	.61	5.00	11.36	7.42	.76	.00	.61	25.76	2.88	24.70	23.33	17.73	3.64	.30	.15	72.73

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	.91	.91	1.82	.76	.15	.00	.00	4.55	.76	.45	.00	.00	.00	.00	.30	1.52
5 TO 9	.30	.61	10.30	4.03	.00	.00	.00	16.94	1.36	.00	.00	.00	.00	.00	1.97	3.33
10- UP	10.30	6.06	2.42	2.27	2.58	.15	4.85	28.64	9.85	20.45	.00	.00	.00	.00	11.21	41.52
TOTAL	11.52	7.58	14.24	11.06	2.73	.15	4.85	52.12	11.97	20.91	.00	.00	.00	.00	13.48	46.36

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 19 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	.30	.61	5.76	1.67	.45	.08	.30	9.09	1.21	2.88	8.33	1.67	.61	.15	.15	15.00
5 TO 9	.76	3.79	5.15	.61	.15	.00	.00	10.45	1.97	10.76	3.79	10.30	.91	.00	.00	27.73
10- UP	.45	2.88	3.03	.61	.00	.00	.00	6.97	.00	16.94	9.70	1.06	.15	.00	.00	29.85
TOTAL	1.52	7.27	13.94	2.88	.61	.00	.30	26.52	3.18	32.58	21.82	13.03	1.67	.15	.15	72.58

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	.61	2.73	1.36	.30	.00	.00	.00	5.00	.61	.45	.00	.00	.00	.00	.30	1.36
5 TO 9	1.06	3.94	14.70	3.33	.00	.00	.15	23.18	4.39	.00	.00	.00	.00	.00	2.86	7.27
10- UP	9.09	4.85	3.03	1.82	.76	.00	5.45	25.00	16.97	12.42	.00	.00	.00	.00	7.88	37.27
TOTAL	10.76	11.52	19.09	5.45	.76	.00	5.61	53.18	21.97	12.88	.00	.00	.00	.00	11.06	45.91

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 20 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.06	3.79	5.45	1.21	.30	.00	.00	11.82
5 TO 9	2.12	6.36	4.39	.30	.00	.00	.00	13.18
10- UP	1.06	1.67	1.36	.30	.00	.00	.00	4.39
TOTAL	4.24	11.82	11.21	1.82	.30	.00	.00	29.39

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.58	8.18	9.70	.45	.15	.30	.00	21.36
5 TO 9	6.82	9.85	2.42	3.79	.15	.00	.00	23.03
10- UP	.00	20.45	4.56	.45	.00	.15	.00	25.61
TOTAL	9.39	38.48	16.67	4.70	.30	.45	.00	70.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.97	8.46	.61	.00	.00	.00	.00	11.06
5 TO 9	5.45	4.55	12.86	.30	.00	.00	2.27	25.45
10- UP	8.94	3.46	1.67	.76	.45	.15	3.03	18.48
TOTAL	16.36	16.52	15.15	1.06	.45	.15	5.30	56.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.21	.00	.15	.00	.00	.00	.45	1.82
5 TO 9	9.09	.00	.00	.00	.00	.00	2.58	11.67
10- UP	17.27	9.39	.00	.00	.00	.00	4.24	30.91
TOTAL	27.58	9.39	.15	.00	.00	.00	7.27	44.39

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 21 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.88	5.15	2.88	.91	.15	.00	.76	12.73
5 TO 9	4.55	9.85	2.56	.30	.00	.00	.61	17.88
10- UP	1.52	.91	1.21	.15	.00	.00	.00	3.79
TOTAL	8.94	15.91	6.67	1.36	.15	.00	1.36	34.39

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.88	15.30	8.33	.15	.00	.15	.00	26.82
5 TO 9	8.03	7.42	1.97	3.48	.15	.00	.00	21.06
10- UP	.00	13.94	2.27	.33	.00	.00	.00	16.52
TOTAL	10.91	36.67	12.58	3.94	.15	.15	.00	64.39

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.94	16.21	.15	.00	.00	.00	1.36	21.67
5 TO 9	9.55	5.00	10.91	.76	.00	.00	3.03	29.24
10- UP	5.30	3.94	1.06	.45	.15	.00	3.18	14.09
TOTAL	18.79	25.15	12.12	1.21	.15	.00	7.56	65.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.61	.15	.00	.00	.00	.00	.30	1.06
5 TO 9	10.76	.00	.00	.00	.00	.00	1.82	12.58
10- UP	13.79	4.85	.00	.00	.00	.00	1.52	20.15
TOTAL	25.15	5.00	.00	.00	.00	.00	3.64	33.79

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TABLE 6.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 22 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.64	6.36	2.73	.45	.15	.00	1.52	14.85
5 TO 9	9.85	6.82	2.42	.61	.00	.15	.61	20.45
10- UP	2.66	1.36	.45	.15	.00	.00	.30	5.15
TOTAL	16.36	14.55	5.61	1.21	.15	.15	2.42	40.45

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.33	17.27	8.48	.15	.00	.00	.00	29.24
5 TO 9	7.27	3.79	2.27	2.73	.15	.00	.00	16.21
10- UP	.00	10.15	2.12	.30	.00	.00	.00	12.58
TOTAL	10.61	31.21	12.88	3.18	.15	.00	.00	58.03

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.91	17.27	.00	.00	.00	.00	1.82	25.00
5 TO 9	12.12	8.33	11.36	.45	.00	.00	2.58	34.85
10- UP	6.36	2.42	.91	.45	.00	.00	3.03	13.18
TOTAL	24.39	28.03	12.27	.91	.00	.00	7.42	73.03

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.61	.00	.00	.00	.00	.00	.61	1.21
5 TO 9	8.33	.00	.00	.00	.00	.00	.91	9.24
10- UP	9.24	4.55	.00	.00	.00	.00	1.21	15.00
TOTAL	18.18	4.55	.00	.00	.00	.00	2.73	25.45

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 23 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.88	3.16	1.52	.45	.15	.00	2.42	10.61
5 TO 9	16.67	9.39	1.36	.15	.00	.00	1.36	28.94
10- UP	3.33	1.06	.45	.15	.00	.00	.45	5.45
TOTAL	22.88	13.64	3.33	.76	.15	.00	4.24	45.00

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.09	18.64	6.21	.15	.00	.00	.00	29.09
5 TO 9	6.06	2.42	.76	3.03	.00	.00	.00	12.27
10- UP	.00	9.39	2.12	.15	.00	.00	.00	11.67
TOTAL	10.15	30.45	9.09	3.33	.00	.00	.00	53.03

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	18.94	.00	.00	.00	.00	1.21	29.39
5 TO 9	14.70	9.24	7.73	.45	.00	.00	2.58	34.70
10- UP	4.09	3.18	1.36	.30	.00	.00	2.58	11.52
TOTAL	28.03	31.36	9.09	.76	.00	.00	6.36	75.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.76	.00	.00	.00	.00	.00	.91	1.67
5 TO 9	6.67	.00	.00	.00	.00	.00	.61	7.27
10- UP	8.94	3.64	.00	.00	.00	.00	.91	13.48
TOTAL	16.36	3.64	.00	.00	.00	.00	2.42	22.42

TABLE 6.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF JUNE

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	15.78	7.84	7.94	14.14	17.82
03-05	18.67	8.65	10.22	14.91	24.34
06-08	19.37	8.40	10.98	13.09	30.61
09-11	19.68	9.61	10.07	13.81	34.79
12-14	22.41	11.53	10.88	17.19	33.03
15-17	14.67	6.47	8.40	9.20	28.33
18-20	8.36	4.50	3.64	6.18	14.16
21-23	12.24	6.70	3.54	14.46	8.87
00-23	16.47	8.24	8.23	12.70	23.44

*** RUNWAY 35 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	15.73	7.49	8.24	15.69	15.76
03-05	17.40	7.79	9.61	14.91	20.13
06-08	17.91	9.36	8.55	17.81	18.02
09-11	20.38	11.33	9.05	24.01	17.15
12-14	23.12	12.44	10.67	29.60	18.46
15-17	15.38	9.36	6.02	28.42	8.97
18-20	8.75	4.36	4.40	15.44	6.13
21-23	13.10	3.74	9.36	9.02	15.99
00-23	16.47	8.23	8.24	19.12	14.47

6.4A

*** RUNWAY 22 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	15.93	8.19	7.74	36.90	9.95
03-05	18.92	8.04	10.88	30.81	14.72
06-08	20.18	8.19	11.99	23.11	18.67
09-11	25.64	10.98	14.67	20.36	31.60
12-14	28.43	15.28	13.15	30.54	26.32
15-17	23.22	11.68	11.53	25.41	21.36
18-20	13.03	6.88	6.12	14.75	11.47
21-23	17.91	12.39	5.51	42.98	7.75
00-23	20.40	10.20	10.20	26.41	16.62

*** RUNWAY 4 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	14.06	6.37	7.69	7.87	40.32
03-05	13.81	6.63	7.18	7.87	45.37
06-08	16.03	9.00	7.03	11.08	37.57
09-11	25.24	15.43	9.81	23.88	27.71
12-14	28.78	14.57	14.21	24.43	35.21
15-17	22.91	12.14	10.77	21.11	25.36
18-20	13.10	6.47	6.63	11.91	14.52
21-23	17.05	4.86	12.19	6.68	44.71
00-23	18.87	9.43	9.44	13.59	30.85

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TABLE 6.4. (Concluded)

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	2.63	7.94	3.38	14.14
03-05	4.01	6.10	4.80	14.91
06-08	6.78	4.65	1.66	13.09
09-11	8.04	4.70	1.07	13.81
12-14	9.65	5.35	2.19	17.19
15-17	3.88	2.59	2.73	9.20
18-20	2.92	1.67	1.60	6.18
21-23	3.20	7.15	4.12	14.48
00-23	5.24	4.85	2.68	12.70

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
9.76	4.88	1.06	15.69
10.55	3.87	.48	14.91
12.03	4.52	1.25	17.81
17.15	5.47	1.39	24.01
16.79	9.71	3.00	29.50
10.60	11.21	6.61	28.42
5.57	7.36	2.51	15.44
6.69	1.71	.73	9.02
11.45	5.77	1.89	19.12

6.4B

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	13.90	20.73	2.28	36.90
03-05	14.15	14.92	1.74	30.81
06-08	14.55	7.56	1.00	23.11
09-11	11.27	7.70	1.41	20.38
12-14	13.95	12.44	4.15	30.54
15-17	8.36	9.13	7.92	25.41
18-20	2.60	10.30	1.84	14.75
21-23	14.74	26.84	1.40	42.98
00-23	11.09	12.39	2.93	26.41

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
.62	3.00	4.25	7.87
2.16	3.19	2.52	7.87
3.05	2.30	5.72	11.08
12.53	4.15	7.20	23.88
9.33	5.00	10.09	24.43
2.90	3.25	14.95	21.11
.74	1.49	9.67	11.91
.49	2.02	4.17	6.68
3.76	3.02	6.81	13.59

TABLE 6.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (JUNE, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 6/43 - 6/67
MONTH OF RECORD - 6,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	3.29	1.71	3.36	2.71	1.55	.1706	637
1	6.24	1.19	5.30	3.50	5.70	.3070	641
2	4.12	-.04	5.55	4.29	5.04	.2117	634
3	3.00	.90	6.23	5.32	3.77	.1138	613
4	4.37	1.38	6.98	6.48	-1.19	-.0264	608
5	6.14	1.44	7.96	7.63	-2.88	-.0474	596
6	7.80	1.49	8.90	9.13	1.00	.0123	588
7	9.20	1.34	9.93	10.58	1.27	.0121	549
8	10.67	1.51	10.98	11.99	4.02	.0305	542
9	12.23	1.69	11.87	13.56	17.53	.1089	537
10	13.81	1.83	12.47	14.24	21.32	.1201	527
11	15.53	-2.28	12.70	14.70	32.16	.1723	523
12	17.16	2.91	12.60	14.59	37.30	.2028	522
13	17.61	3.47	11.71	13.94	42.59	.2609	516
14	16.64	3.29	10.23	11.63	25.55	.2148	514
15	13.35	2.94	8.54	9.25	11.73	.1484	511
16	9.58	2.47	7.27	6.96	-1.07	-.0212	506
17	5.31	1.87	5.80	5.25	-1.45	-.0476	501
18	.89	1.71	5.04	3.97	3.17	.1585	492
19	-2.34	1.26	4.47	3.05	2.02	.1493	492
20	-4.70	.77	3.80	2.78	2.36	.2231	482
21	-6.33	.39	3.86	2.78	2.32	.2163	470
22	-7.27	.11	3.89	2.49	1.55	.1598	469
23	-8.28	-.03	3.77	2.54	-.06	-.0083	456
24	-8.87	-.14	4.71	2.89	2.10	.1541	450
25	-8.95	-.02	4.72	2.52	-.03	-.0027	436
26	-9.16	.13	5.56	2.55	1.25	.0883	429
27	-9.56	.19	5.79	2.67	4.02	.2601	406

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

JULY

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TABLE 7.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF JULY

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	41.54	43.03	7.92	1.03	.10	.00	9.38	2046
03-05	44.33	29.67	4.45	.88	.00	.00	20.67	2046
06-08	37.73	27.96	8.90	1.12	.00	.00	24.29	2046
09-11	34.46	25.76	7.77	1.76	.10	.00	30.16	2046
12-14	31.69	31.10	13.06	5.09	.44	.05	18.68	2046
15-17	11.78	34.51	30.84	16.23	2.00	.05	4.59	2046
18-20	4.09	46.68	31.33	11.09	.59	.00	1.22	2046
21-23	31.77	49.76	12.76	.78	.00	.00	4.94	2046
00-23	30.30	35.68	14.63	4.75	.46	.01	14.23	16367

7.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	45.11	37.86	6.70	.20	.10	.00	10.02	2046
03-05	42.96	32.01	3.62	.24	.00	.00	21.16	2046
06-08	42.28	25.32	6.65	.15	.00	.00	25.61	2046
09-11	43.64	17.20	5.43	.39	.05	.00	33.09	2046
12-14	44.21	23.10	7.87	2.05	.44	.00	22.25	2046
15-17	33.38	30.99	12.71	7.56	2.10	.00	13.25	2046
18-20	36.56	26.01	14.86	3.86	.54	.00	14.17	2046
21-23	46.73	31.57	7.62	.24	.00	.00	11.83	2046
00-23	42.38	28.27	8.18	1.84	.45	.00	18.92	16367

7.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	49.02	27.86	6.45	.20	.10	.00	16.37	2046
03-05	43.60	22.43	3.37	.24	.00	.00	30.35	2046
06-08	39.74	19.50	6.60	.15	.00	.00	34.02	2046
09-11	40.32	13.49	5.16	.34	.05	.00	40.62	2046
12-14	44.55	17.51	6.80	1.86	.39	.00	28.90	2045
15-17	34.26	30.45	12.37	5.96	1.61	.00	15.35	2046
18-20	40.03	28.15	13.69	2.88	.44	.00	14.81	2046
21-23	52.88	25.02	7.33	.05	.00	.00	14.71	2046
00-23	43.05	23.05	7.72	1.46	.32	.00	24.39	16367

7.1C

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TABLE 7.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF JULY

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	14.47	28.98	2.49	2046	37.19	9.63	4.45
03-05	18.67	24.05	1.42	2046	34.90	7.28	3.13
06-08	17.25	19.64	1.12	2046	35.43	7.28	3.96
09-11	18.57	13.10	1.22	2046	28.05	11.29	6.45
12-14	15.35	14.87	4.94	2045	25.09	16.09	12.67
15-17	9.09	12.46	11.68	2046	12.51	21.31	30.74
18-20	7.58	16.18	7.62	2046	12.51	24.05	31.48
21-23	13.25	23.31	2.15	2046	32.94	16.13	10.26
00-23	14.28	19.10	4.08	16367	27.33	14.13	12.89

7.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	42.33	37.83	2.35	2046	2.10	7.23	5.38
03-05	45.75	26.74	1.91	2046	5.67	5.91	3.47
06-08	39.74	24.88	3.37	2046	7.38	4.84	4.64
09-11	27.42	17.01	4.55	2046	12.61	8.55	8.21
12-14	23.57	20.20	9.66	2045	11.25	9.54	14.67
15-17	10.90	21.16	24.00	2046	3.62	5.08	32.99
18-20	7.28	23.66	22.29	2046	1.08	8.94	36.17
21-23	28.74	35.34	6.35	2046	2.20	12.51	12.90
00-23	28.22	25.85	9.31	16367	5.76	7.83	14.80

7.2B

TABLE 7.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 0 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.84	4.40	.44	.00	.00	.00	4.56	14.22
5 TO 9	21.26	7.16	.15	.00	.00	.00	1.32	29.91
10- UP	1.61	.29	.00	.00	.00	.00	.15	2.05
TOTAL	27.71	11.88	.59	.00	.00	.00	6.01	46.19

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.55	25.07	6.60	.00	.00	.00	.00	36.22
5 TO 9	5.28	2.20	.73	.73	.15	.00	.00	9.09
10- UP	.00	5.87	.29	.00	.00	.00	.00	6.16
TOTAL	9.82	33.14	7.62	.73	.15	.00	.00	51.47

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.46	25.51	.15	.00	.00	.00	2.93	41.06
5 TO 9	18.84	10.26	6.89	.00	.00	.00	3.37	38.56
10- UP	.66	.44	.29	.00	.15	.00	1.17	2.93
TOTAL	31.36	36.22	7.33	.00	.15	.00	7.48	82.55

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	.44	.00	.00	.00	.00	.15	1.17
5 TO 9	6.30	.15	.00	.00	.00	.00	.15	6.60
10- UP	5.72	1.47	.00	.00	.00	.00	.15	7.33
TOTAL	12.41	2.05	.00	.00	.00	.00	.44	15.10

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 1 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	3.52	.29	.00	.00	.00	3.81	13.78
5 TO 9	21.85	5.26	.29	.00	.00	.00	1.61	29.03
10- UP	2.93	.15	.00	.00	.00	.00	.29	3.37
TOTAL	30.94	8.94	.59	.00	.00	.00	5.72	46.19

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.43	24.19	7.62	.00	.00	.00	.00	37.24
5 TO 9	6.74	1.61	.59	1.17	.15	.00	.00	10.26
10- UP	.15	2.93	.44	.00	.00	.00	.00	3.52
TOTAL	12.32	28.73	8.65	1.17	.15	.00	.00	51.03

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.06	24.93	.00	.00	.00	.00	2.20	41.20
5 TO 9	17.45	12.17	7.46	.29	.00	.00	2.35	39.74
10- UP	1.03	.88	.00	.00	.15	.00	.59	2.64
TOTAL	32.55	37.98	7.46	.29	.15	.00	5.13	83.58

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.61	.00	.00	.00	.00	.00	.15	1.76
5 TO 9	7.04	.29	.00	.00	.00	.00	.44	7.77
10- UP	3.37	.59	.00	.00	.00	.00	.15	4.11
TOTAL	12.02	.88	.00	.00	.00	.00	.73	13.64

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 2 NUMBER OBS. 662

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.04	2.79	.44	.00	.00	.00	5.13	15.46	6.74	25.22	5.67	.00	.00	.00	.59	38.12
5 TO 9	20.02	4.69	.00	.15	.00	.00	2.35	28.01	7.04	1.47	.00	1.03	.00	.00	.00	9.53
10- UP	2.05	.00	.00	.00	.00	.00	.00	2.05	.15	3.23	.29	.00	.00	.00	.00	3.67
TOTAL	29.91	7.48	.44	.15	.00	.00	7.48	45.45	13.93	29.91	5.87	1.03	.00	.00	.59	51.32

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	16.42	25.66	.00	.00	.00	.00	2.64	44.72	1.76	.29	.15	.00	.00	.00	1.17	3.37
5 TO 9	16.72	9.53	5.13	.29	.00	.00	3.52	35.19	7.04	.15	.00	.00	.00	.00	.15	7.33
10- UP	.59	.44	.00	.00	.00	.00	.44	1.47	4.25	.44	.00	.00	.00	.00	.00	4.69
TOTAL	33.72	35.63	5.13	.29	.00	.00	6.60	81.38	13.05	.88	.15	.00	.00	.00	1.32	15.40

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 3 NUMBER OBS. 662

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.94	2.05	.44	.00	.00	.00	6.89	18.33	7.92	23.02	4.40	.00	.00	.00	.00	35.34
5 TO 9	18.34	4.55	.15	.00	.00	.00	2.64	25.37	6.74	1.17	.15	.88	.00	.00	.00	8.94
10- UP	1.03	.00	.00	.00	.00	.00	.44	1.47	.00	3.08	.15	.00	.00	.00	.00	3.23
TOTAL	28.01	6.60	.59	.00	.00	.00	9.77	45.16	14.66	27.27	4.69	.88	.00	.00	.00	47.51

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	16.77	24.63	.00	.00	.00	.00	3.67	47.07	1.47	.73	.00	.00	.00	.00	1.17	3.37
5 TO 9	12.32	10.41	3.52	.15	.00	.00	2.64	29.03	6.74	.00	.00	.00	.00	.00	.29	7.04
10- UP	1.03	.44	.00	.15	.00	.00	.73	2.35	2.93	.88	.00	.00	.00	.00	.00	3.81
TOTAL	32.11	35.48	3.52	.29	.00	.00	7.04	78.45	11.14	1.61	.00	.00	.00	.00	1.47	14.22

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TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 4 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.66	2.23	.30	.00	.00	.00	6.45	18.33
5 TO 9	18.77	3.37	.59	.00	.00	.00	2.49	25.22
10- UP	1.17	.15	.00	.00	.00	.00	.15	1.47
TOTAL	29.62	5.72	.59	.00	.00	.00	9.09	45.01

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.17	18.09	4.26	.30	.00	.00	.44	34.90
5 TO 9	5.57	.29	.15	1.17	.00	.00	.00	7.18
10- UP	.00	2.64	.15	.00	.00	.00	.00	2.79
TOTAL	17.74	20.97	4.55	1.17	.00	.00	.44	44.87

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.35	19.36	.00	.00	.00	4.25	42.67	
5 TO 9	12.93	9.66	3.96	.29	.00	.00	2.49	29.33
10- UP	1.17	.29	.15	.00	.00	.00	.59	2.20
TOTAL	33.45	29.33	4.11	.29	.00	.00	7.33	74.19

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.93	.44	.00	.00	.00	.00	3.37	6.74
5 TO 9	5.43	.00	.00	.00	.00	.00	.44	5.87
10- UP	2.35	.73	.00	.00	.00	.00	.00	3.08
TOTAL	10.70	1.17	.00	.00	.00	.00	3.81	15.69

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 5 NUMBER OBS. 602

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.38	2.49	.00	.00	.00	.00	7.48	19.35
5 TO 9	16.13	2.93	.15	.00	.00	.00	2.35	21.55
10- UP	.59	.29	.00	.00	.00	.00	.44	1.32
TOTAL	26.10	5.72	.15	.00	.00	.00	10.26	42.23

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.46	18.77	2.79	.00	.00	.00	.44	34.46
5 TO 9	4.40	.59	.00	.59	.00	.00	.15	5.72
10- UP	.00	3.37	.00	.00	.00	.00	.00	3.37
TOTAL	16.86	22.73	2.79	.59	.00	.00	.59	43.55

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.87	19.79	.00	.00	.00	.00	4.84	47.51
5 TO 9	6.53	7.62	2.93	.15	.00	.00	2.64	21.85
10- UP	.59	.00	.29	.00	.00	.00	.29	1.17
TOTAL	31.96	27.42	3.23	.15	.00	.00	7.77	70.53

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.64	.15	.00	.00	.00	.00	4.11	6.89
5 TO 9	4.55	.00	.00	.00	.00	.00	.29	4.84
10- UP	2.35	1.17	.00	.00	.00	.00	.00	3.52
TOTAL	9.53	1.32	.00	.00	.00	.00	4.40	15.25

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 6 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.53	1.76	.15	.00	.00	.00	6.50	18.91
5 TO 9	15.25	3.52	.29	.00	.00	.00	1.32	20.38
10- UP	.73	.00	.00	.00	.00	.00	.44	1.17
TOTAL	24.49	5.28	.44	.00	.00	.00	10.26	40.47

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.37	16.57	4.11	.00	.00	.00	.73	35.78
5 TO 9	4.25	.59	.59	.00	.00	.00	.00	6.30
10- UP	.00	2.35	.00	.00	.00	.00	.00	2.35
TOTAL	18.62	19.50	4.69	.00	.00	.00	.73	44.43

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.29	17.69	.00	.00	.00	.00	4.69	44.87
5 TO 9	9.09	7.33	4.25	.00	.00	.00	2.05	22.73
10- UP	1.32	.29	.00	.00	.00	.00	.15	1.76
TOTAL	32.73	25.51	4.25	.00	.00	.00	6.89	69.35

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.52	.44	.00	.00	.00	.00	4.40	8.36
5 TO 9	4.11	.15	.00	.00	.00	.00	.15	4.40
10- UP	1.91	.73	.00	.00	.00	.00	.00	2.64
TOTAL	9.53	1.32	.00	.00	.00	.00	4.55	15.40

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 7 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.36	1.76	.15	.00	.00	.00	6.16	16.42
5 TO 9	13.00	3.13	1.03	.00	.00	.00	2.20	21.41
10- UP	.59	.73	.00	.00	.00	.00	.00	1.32
TOTAL	21.94	7.62	1.17	.00	.00	.00	8.36	39.15

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.88	15.25	8.21	.00	.00	.00	.59	35.92
5 TO 9	3.23	1.47	.88	1.47	.00	.00	.00	7.04
10- UP	.00	3.81	.29	.00	.00	.00	.00	4.11
TOTAL	15.10	20.53	9.38	1.47	.00	.00	.59	47.07

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.97	15.98	.00	.00	.00	.00	3.08	43.03
5 TO 9	9.24	7.33	4.50	.15	.00	.00	2.49	27.71
10- UP	2.93	.15	.00	.00	.00	.00	.59	3.67
TOTAL	35.14	23.46	4.50	.15	.00	.00	6.16	71.41

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.93	.29	.00	.00	.00	.00	2.93	6.16
5 TO 9	3.67	.15	.00	.00	.00	.00	.00	3.81
10- UP	3.08	1.76	.00	.00	.00	.00	.00	4.84
TOTAL	9.68	2.20	.00	.00	.00	.00	2.93	14.81

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TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 8 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.06	2.35	.29	.29	.00	.00	5.43	16.42
5 TO 9	9.24	6.30	1.47	.00	.00	.00	.73	17.74
10- UP	.44	.15	.29	.00	.00	.00	.00	.86
TOTAL	17.74	8.80	2.05	.29	.00	.00	6.16	35.04

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	15.40	7.77	.00	.00	.00	1.17	34.60
5 TO 9	5.13	2.05	.44	.73	.00	.00	.15	8.50
10- UP	.00	4.69	.73	.00	.00	.00	.00	5.43
TOTAL	15.40	22.14	8.94	.73	.00	.00	1.32	48.53

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.10	15.98	.00	.00	.00	.00	3.23	34.31
5 TO 9	8.94	5.13	7.04	.29	.00	.00	2.79	24.19
10- UP	2.93	.29	.15	.00	.00	.00	1.32	4.69
TOTAL	26.98	21.41	7.16	.29	.00	.00	7.33	63.20

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.40	.15	.00	.00	.00	.00	3.08	7.62
5 TO 9	5.72	.15	.00	.00	.00	.00	.44	6.30
10- UP	4.69	1.76	.00	.00	.00	.00	.00	6.45
TOTAL	14.81	2.05	.00	.00	.00	.00	3.52	20.38

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 9 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.04	3.96	1.32	.00	.00	.00	6.01	18.33
5 TO 9	6.74	4.40	.73	.15	.00	.00	1.17	13.20
10- UP	.00	.44	.00	.00	.00	.00	.00	.44
TOTAL	13.78	8.80	2.05	.15	.00	.00	7.18	31.96

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.02	10.12	5.87	.00	.00	.00	.68	28.89
5 TO 9	6.69	3.23	.15	1.17	.00	.00	.15	11.58
10- UP	.00	4.69	.44	.00	.00	.00	.00	5.13
TOTAL	18.91	18.04	6.45	1.17	.00	.00	1.03	45.60

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.93	10.26	.15	.00	.00	.00	3.23	27.57
5 TO 9	7.18	4.40	5.87	.15	.00	.00	1.91	19.50
10- UP	2.05	1.03	.00	.00	.00	.00	1.03	4.11
TOTAL	23.17	15.69	6.01	.15	.00	.00	6.16	51.17

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.99	1.03	.00	.00	.00	.00	4.64	10.85
5 TO 9	7.62	.00	.00	.00	.00	.00	1.03	8.65
10- UP	4.64	1.91	.00	.00	.00	.00	.15	6.69
TOTAL	17.45	2.93	.00	.00	.00	.00	6.01	26.39

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TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 10 NUMBER OBS. 662

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.06	2.47	.73	.00	.15	.00	5.43	18.18	14.52	6.65	4.40	.00	.00	.00	1.17	28.74
5 TO 9	6.07	3.37	1.17	.15	.00	.00	1.17	12.76	5.26	3.67	.44	1.32	.00	.00	.00	10.70
10- UP	.15	.73	.00	.15	.00	.00	.29	1.32	.00	6.16	.59	.00	.00	.00	.00	6.74
TOTAL	16.42	6.03	1.91	.29	.15	.00	6.89	32.26	19.79	18.48	5.43	1.32	.00	.00	1.17	46.19

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.93	9.38	.15	.00	.00	.00	4.40	27.86	6.21	1.03	.00	.00	.00	.00	4.99	14.22
5 TO 9	6.01	2.79	5.28	.15	.00	.00	1.76	15.98	6.74	.15	.00	.00	.00	.00	1.03	7.92
10- UP	2.49	.15	.00	.15	.00	.00	1.03	3.81	5.43	2.49	.00	.00	.00	.00	.59	8.50
TOTAL	22.43	12.32	5.43	.29	.00	.00	7.18	47.65	20.38	3.67	.00	.00	.00	.00	6.60	30.65

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 11 NUMBER OBS. 662

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.06	2.93	1.17	.15	.00	.00	6.89	19.21	13.04	7.77	3.52	.15	.00	.00	1.47	26.54
5 TO 9	6.74	3.37	1.47	.29	.00	.00	1.47	13.34	5.72	3.81	.15	1.76	.15	.00	.00	11.58
10- UP	.59	.88	.44	.00	.00	.00	.00	1.91	.00	6.74	.73	.00	.00	.00	.00	7.48
TOTAL	15.40	7.18	3.08	.44	.00	.00	6.36	34.46	19.35	18.33	4.40	1.91	.15	.00	1.47	45.60

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	15.43	8.21	.29	.15	.00	.00	2.79	26.83	9.02	.73	.00	.00	.00	.00	2.79	13.34
5 TO 9	6.74	3.52	4.11	.59	.00	.00	.59	15.54	7.02	.15	.00	.00	.00	.00	1.32	9.39
10- UP	2.79	1.17	.44	.00	.15	.00	1.17	5.72	5.72	3.23	.00	.00	.00	.00	.29	9.24
TOTAL	24.93	12.90	4.84	.73	.15	.00	4.55	48.09	23.17	4.11	.00	.00	.00	.00	4.40	31.67

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 12 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.62	3.96	.86	.15	.00	.00	6.01	18.62
5 TO 9	7.04	3.37	1.17	.44	.00	.00	1.61	13.64
10- UP	1.17	.59	.88	.29	.00	.00	.00	2.93
TOTAL	15.84	7.92	2.93	.88	.00	.00	7.62	35.19

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.08	8.21	3.81	.15	.00	.00	2.05	28.30
5 TO 9	5.72	4.99	.73	2.35	.00	.00	.00	13.78
10- UP	.15	5.87	2.49	.00	.00	.00	.00	8.50
TOTAL	19.94	19.06	7.04	2.49	.00	.00	2.05	50.59

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.96	9.24	.00	.15	.00	.00	2.64	26.98
5 TO 9	5.72	4.55	5.43	.59	.00	.00	2.05	18.33
10- UP	2.64	1.32	.29	.44	.00	.00	1.61	6.30
TOTAL	23.31	15.10	5.72	1.17	.00	.00	6.30	51.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.48	2.05	.29	.00	.00	.00	3.37	13.20
5 TO 9	7.48	.44	.00	.00	.00	.00	2.36	10.26
10- UP	5.87	3.37	.00	.00	.00	.00	1.32	10.56
TOTAL	20.82	5.87	.29	.00	.00	.00	7.04	34.02

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 13 NUMBER OBS. 681

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.29	2.50	1.03	.15	.00	.00	5.14	14.10
5 TO 9	4.08	4.11	1.91	.44	.00	.00	1.62	14.17
10- UP	.59	2.50	1.32	.44	.00	.00	.88	5.73
TOTAL	13.95	9.10	4.26	1.03	.00	.00	7.64	35.98

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.72	7.93	4.41	.00	.00	.00	.88	23.94
5 TO 9	5.58	4.99	.59	3.52	.15	.00	.00	14.83
10- UP	.15	10.43	2.79	.00	.00	.00	.00	13.36
TOTAL	16.45	23.35	7.78	3.52	.15	.00	.88	52.13

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.66	10.13	1.03	.15	.00	.00	1.32	26.28
5 TO 9	6.46	4.70	5.29	1.91	.00	.00	.59	18.94
10- UP	5.43	.88	.29	.15	.15	.00	1.76	8.66
TOTAL	25.55	15.71	6.61	2.20	.15	.00	3.67	53.89

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.55	1.17	.29	.00	.00	.00	4.11	10.13
5 TO 9	7.49	.00	.00	.00	.00	.00	1.62	9.10
10- UP	8.22	5.87	.00	.00	.00	.00	.73	14.83
TOTAL	20.26	7.05	.29	.00	.00	.00	6.46	34.07

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TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 14 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.25	3.67	2.79	.15	.00	.00	2.49	13.34
5 TO 9	6.74	3.37	2.79	.88	.00	.00	1.03	14.81
10- UP	2.20	1.76	1.61	.29	.15	.00	.15	6.16
TOTAL	13.20	8.80	7.18	1.32	.15	.00	3.67	34.31

RUNWAY 36

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.41	6.74	5.43	.00	.00	.00	.44	23.02
5 TO 9	5.28	5.57	1.76	5.87	1.03	.15	.00	19.65
10- UP	.15	12.90	2.79	.15	.00	.00	.15	16.13
TOTAL	15.84	25.22	9.97	6.01	1.03	.15	.59	58.80

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.65	7.18	.29	.00	.15	.00	1.17	17.45
5 TO 9	6.16	4.64	9.66	2.05	.00	.00	.59	23.31
10- UP	7.04	2.49	.59	.59	1.03	.00	2.35	14.08
TOTAL	21.85	14.52	10.56	2.64	1.17	.00	4.11	54.84

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	1.76	.15	.15	.00	.00	2.20	10.41
5 TO 9	6.89	.44	.00	.00	.00	.00	1.91	9.24
10- UP	7.77	9.69	.00	.00	.00	.00	1.76	18.62
TOTAL	20.82	11.29	.15	.15	.00	.00	5.87	38.27

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 15 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.23	3.37	4.25	.59	.00	.00	2.05	13.49
5 TO 9	3.23	4.25	3.37	.73	.15	.00	.44	12.17
10- UP	2.35	4.11	2.93	.88	.00	.00	.29	13.26
TOTAL	8.80	11.73	10.56	2.20	.15	.00	2.79	35.92

RUNWAY 36

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.57	5.28	5.28	.15	.00	.00	.59	16.86
5 TO 9	3.81	4.11	2.49	6.74	1.91	.15	.00	19.21
10- UP	.00	16.86	7.18	.15	.00	.00	.00	24.19
TOTAL	9.38	26.25	14.96	7.04	1.91	.15	.59	60.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.03	5.43	1.17	1.03	.29	.00	.88	15.40
5 TO 9	5.13	2.93	9.36	3.08	.00	.00	.15	20.67
10- UP	9.09	5.43	1.03	.73	1.61	.00	2.79	20.67
TOTAL	20.82	13.78	11.56	4.84	1.91	.00	3.81	56.74

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.64	.88	.15	.00	.29	.00	1.32	5.28
5 TO 9	4.99	.44	.00	.00	.00	.00	2.05	7.48
10- UP	11.44	13.20	.00	.00	.00	.00	1.91	26.54
TOTAL	19.06	14.52	.15	.00	.29	.00	5.28	39.30

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 16 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.61	1.76	3.37	.44	.00	.00	1.61	8.80
5 TO 9	2.05	3.52	5.72	1.47	.29	.00	.44	13.49
10- UP	1.03	3.52	3.81	1.61	.00	.00	.29	10.26
TOTAL	4.69	8.80	12.90	3.52	.29	.00	2.35	32.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.52	3.52	5.28	.44	.00	.00	.29	13.05
5 TO 9	2.49	3.08	2.93	11.00	1.47	.00	.00	20.97
10- UP	.00	19.06	12.32	.29	.00	.00	.00	31.67
TOTAL	6.01	25.66	20.53	11.73	1.47	.00	.29	65.69

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.25	3.67	.73	1.03	.29	.00	.59	10.56
5 TO 9	2.64	2.35	11.73	4.84	.00	.00	1.17	22.73
10- UP	9.97	5.28	.73	1.32	1.17	.00	4.84	23.31
TOTAL	16.86	11.29	13.20	7.18	1.47	.00	6.60	56.60

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.61	.29	.44	.00	.00	.00	.88	3.23
5 TO 9	3.96	.15	.00	.15	.00	.00	.29	4.55
10- UP	10.65	19.50	.15	.00	.15	.00	3.23	33.87
TOTAL	16.42	19.94	.59	.15	.15	.00	4.40	41.64

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 17 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.73	.59	1.32	1.91	.00	.00	.44	4.99
5 TO 9	.88	1.76	4.99	3.96	.00	.00	.15	11.73
10- UP	1.32	4.11	6.30	2.99	.00	.00	.29	14.52
TOTAL	2.93	6.45	12.61	8.36	.00	.00	.88	31.23

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.91	1.91	2.79	.88	.00	.00	.15	7.62
5 TO 9	1.91	3.08	3.08	13.49	2.20	.00	.00	23.75
10- UP	.00	19.65	15.25	1.47	.00	.00	.00	36.36
TOTAL	3.81	24.63	21.11	15.84	2.20	.00	.15	67.74

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.73	2.20	.88	2.05	.44	.00	.44	6.74
5 TO 9	1.32	1.03	9.66	7.48	.15	.00	.44	20.09
10- UP	11.00	6.31	2.05	.88	1.91	.00	6.16	28.01
TOTAL	13.05	9.24	12.61	10.41	2.49	.00	7.04	54.84

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	.59	.00	.15	.00	.00	.59	2.35
5 TO 9	2.35	.15	.00	.00	.00	.00	.73	3.23
10- UP	10.56	23.46	.00	.00	.00	.00	4.55	38.56
TOTAL	13.93	24.19	.00	.15	.00	.00	5.87	44.13

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TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 18 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	.44	2.93	.44	.00	.00	.00	4.25
5 TO 9	.59	2.64	6.60	4.11	.00	.00	.00	13.93
10- UP	1.32	3.81	5.43	1.91	.15	.00	.29	12.90
TOTAL	2.35	6.69	14.96	6.45	.15	.00	.29	31.09

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	1.61	3.67	1.03	.00	.00	.00	6.89
5 TO 9	1.76	4.69	4.40	11.86	1.61	.00	.15	24.49
10- UP	.00	22.87	13.78	.59	.00	.00	.00	37.24
TOTAL	2.35	29.18	21.85	13.49	1.61	.00	.15	68.62

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	2.05	1.03	1.76	.29	.00	.15	5.87
5 TO 9	.88	1.17	11.58	5.28	.00	.00	.15	19.06
10- UP	11.14	6.74	2.05	1.17	1.32	.00	6.60	29.03
TOTAL	12.61	9.97	14.66	8.21	1.61	.00	6.89	53.96

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.29	.29	.44	.15	.00	.00	.15	1.32
5 TO 9	2.35	.15	.00	.00	.00	.00	.73	3.23
10- UP	12.61	22.43	.00	.00	.00	.00	6.16	41.20
TOTAL	15.25	22.87	.44	.15	.00	.00	7.04	45.75

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 19 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.29	1.17	4.99	1.03	.00	.00	.15	7.62
5 TO 9	.44	5.13	8.36	1.03	.00	.00	.59	15.54
10- UP	.59	3.23	2.79	.44	.00	.00	.15	7.18
TOTAL	1.32	9.53	16.13	2.49	.00	.00	.88	30.35

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	2.05	8.21	.29	.00	.00	.00	11.00
5 TO 9	4.84	9.09	4.84	7.18	.00	.00	.00	25.95
10- UP	.00	25.51	6.16	.29	.00	.00	.00	31.96
TOTAL	5.28	36.66	19.21	7.77	.00	.00	.00	68.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.88	2.05	1.61	.59	.00	.00	.00	5.13
5 TO 9	2.35	4.40	14.37	2.05	.00	.00	.29	23.46
10- UP	10.41	4.69	.88	.15	.00	.00	6.74	22.87
TOTAL	13.64	11.14	16.86	2.79	.00	.00	7.04	51.47

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.15	.44	.44	.00	.00	.00	.00	1.03
5 TO 9	6.89	.00	.00	.00	.00	.00	2.20	9.09
10- UP	16.42	15.98	.00	.00	.00	.00	5.28	37.68
TOTAL	23.46	16.42	.44	.00	.00	.00	7.48	47.80

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 20 NUMBER OBS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.47	5.43	3.81	.15	.00	.00	.00	10.85
5 TO 9	2.93	11.00	4.40	.29	.00	.00	.44	19.06
10- UP	.88	1.61	.15	.00	.00	.00	.15	2.79
TOTAL	5.28	16.04	8.36	.44	.00	.00	.59	32.70

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.06	8.06	9.53	.00	.00	.00	.00	19.65
5 TO 9	8.65	9.24	1.17	2.64	.00	.00	.00	21.70
10- UP	.00	22.43	2.79	.00	.00	.00	.00	25.22
TOTAL	10.70	39.74	13.49	2.64	.00	.00	.00	66.57

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.20	7.62	.59	.29	.00	.00	.15	10.85
5 TO 9	8.85	6.30	11.44	.15	.00	.00	1.91	28.45
10- UP	7.18	2.79	.15	.00	.00	.00	4.84	14.96
TOTAL	18.04	16.72	12.17	.44	.00	.00	6.87	54.25

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	.29	.00	.00	.00	.00	.00	.59	.88
5 TO 9	12.02	.00	.00	.00	.00	.00	2.49	14.52
10- UP	20.36	6.89	.00	.00	.00	.00	2.35	29.62
TOTAL	32.70	6.89	.00	.00	.00	.00	5.43	45.01

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 21 NUMBER OBS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.64	7.48	1.91	.00	.00	.00	.44	12.46
5 TO 9	6.00	10.70	2.35	.00	.00	.00	.59	19.94
10- UP	1.03	.88	.00	.15	.00	.00	.29	2.35
TOTAL	9.97	19.06	4.25	.15	.00	.00	1.32	34.75

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	4.84	16.86	8.65	.00	.00	.00	.00	30.35
5 TO 9	10.12	7.18	.59	1.17	.00	.00	.00	19.06
10- UP	.00	13.20	1.17	.00	.00	.00	.00	14.37
TOTAL	14.96	37.24	10.41	1.17	.00	.00	.00	63.78

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	4.55	16.28	.44	.15	.00	.00	.44	21.85
5 TO 9	13.93	8.21	7.77	.00	.00	.00	3.96	33.87
10- UP	4.40	.59	.00	.00	.00	.00	3.23	8.21
TOTAL	22.87	25.07	8.21	.15	.00	.00	7.62	63.93

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.32	.15	.00	.00	.00	.00	.88	2.35
5 TO 9	12.01	.00	.00	.00	.00	.00	1.76	14.37
10- UP	13.78	3.23	.00	.00	.00	.00	.88	17.89
TOTAL	27.71	3.37	.00	.00	.00	.00	3.52	34.60

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TABLE 7.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 22 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.43	5.67	1.32	.00	.00	.00	1.47	14.08
5 TO 9	10.12	9.68	1.47	.00	.00	.00	.44	21.70
10- UP	1.32	.29	.00	.00	.00	.00	1.61	3.21
TOTAL	16.86	15.64	2.79	.00	.00	.00	1.91	37.39

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.30	18.04	9.38	.00	.00	.00	.15	33.87
5 TO 9	10.96	4.84	.88	.59	.00	.00	.00	16.86
10- UP	.00	9.68	.59	.00	.00	.00	.00	10.26
TOTAL	16.86	32.55	10.85	.59	.00	.00	.15	61.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	17.89	.00	.15	.00	.00	2.64	29.77
5 TO 9	13.05	8.99	7.77	.15	.00	.00	4.40	34.31
10- UP	3.52	.66	.15	.00	.00	.00	1.47	6.01
TOTAL	25.66	27.71	7.92	.29	.00	.00	6.50	70.09

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	.15	.00	.15	.00	.00	1.03	2.35
5 TO 9	12.32	.00	.00	.00	.00	.00	.59	12.90
10- UP	11.44	1.47	.00	.00	.00	.00	.15	13.05
TOTAL	24.78	1.61	.00	.15	.00	.00	1.76	28.30

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 23 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.55	4.25	1.17	.00	.00	.00	3.23	13.20
5 TO 9	18.04	7.62	.59	.00	.00	.00	2.05	28.30
10- UP	1.61	.59	.00	.00	.00	.00	.29	2.49
TOTAL	24.19	12.46	1.76	.00	.00	.00	5.57	43.99

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.25	23.31	7.04	.00	.00	.00	.00	34.60
5 TO 9	8.21	3.23	.59	.44	.00	.00	.00	12.46
10- UP	.00	5.57	.59	.00	.00	.00	.00	6.16
TOTAL	12.46	32.11	8.21	.44	.00	.00	.00	53.23

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.80	23.46	.00	.15	.00	.00	2.20	34.60
5 TO 9	16.57	11.14	6.45	.00	.00	.00	3.67	37.83
10- UP	3.23	.59	.15	.00	.00	.00	.88	4.84
TOTAL	28.59	35.19	6.60	.15	.00	.00	6.74	77.27

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.73	.29	.15	.00	.00	.00	.73	1.91
5 TO 9	9.82	.00	.00	.00	.00	.00	.44	10.26
10- UP	6.01	1.47	.00	.00	.00	.00	.29	7.77
TOTAL	16.57	1.76	.15	.00	.00	.00	1.47	19.94

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TABLE 7.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF JULY

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	19.92	10.23	9.69	18.90	21.13
03-05	22.32	10.62	11.70	16.99	26.56
06-08	23.54	10.57	12.97	17.09	34.02
09-11	21.63	10.62	11.01	16.12	33.48
12-14	25.11	12.53	12.58	19.31	35.84
15-17	15.32	7.15	8.17	10.69	29.67
18-20	6.95	3.72	3.23	5.42	10.31
21-23	11.63	7.78	4.01	12.66	10.39
00-23	18.35	9.18	9.17	14.66	24.53

*** RUNWAY 35 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	18.60	8.96	9.64	18.41	18.78
03-05	20.80	9.10	11.70	16.67	25.78
06-08	21.93	11.80	10.13	22.15	21.68
09-11	23.20	11.11	12.09	20.47	26.42
12-14	25.75	15.08	10.67	32.70	19.80
15-17	15.71	9.35	6.36	26.45	9.84
18-20	6.66	3.13	3.52	9.82	5.18
21-23	11.80	3.67	8.13	9.05	13.67
00-23	18.06	9.02	9.03	19.80	16.60

7.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	16.15	6.76	7.39	50.00	8.96
03-05	18.99	7.66	11.31	29.96	15.21
06-08	22.91	10.23	12.68	31.91	18.66
09-11	26.09	10.52	15.57	20.63	31.77
12-14	32.99	17.62	15.37	37.76	28.81
15-17	23.59	11.60	11.80	26.81	21.37
18-20	14.49	7.15	7.34	15.26	13.81
21-23	19.04	13.36	5.68	45.12	8.07
00-23	21.78	10.69	10.69	29.70	17.20

*** RUNWAY 4 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	14.24	6.36	7.88	7.46	53.49
03-05	13.95	6.95	7.00	8.18	46.43
06-08	16.79	9.25	7.54	11.13	44.64
09-11	25.70	14.73	10.96	20.90	37.15
12-14	30.49	16.35	14.15	25.36	39.61
15-17	22.32	12.14	10.18	20.84	24.38
18-20	14.10	7.20	6.90	13.39	14.92
21-23	18.06	4.85	13.22	6.70	47.79
00-23	19.46	9.73	9.73	13.59	34.22

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TABLE 7.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF JULY

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	3.35	11.84	3.71	18.90
03-05	5.77	10.94	2.27	18.99
06-08	7.36	7.67	2.06	17.09
09-11	9.04	5.91	1.17	16.12
12-14	8.07	8.45	2.79	19.31
15-17	4.39	3.00	3.29	10.69
18-20	1.92	1.35	2.14	5.42
21-23	2.71	6.62	3.35	12.68
00-23	5.36	6.73	2.57	14.66

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	14.19	3.72	.50	18.41
03-05	14.43	2.15	.09	16.67
06-08	18.38	3.13	.64	22.15
09-11	16.43	3.97	.09	20.49
12-14	19.21	11.25	2.23	32.70
15-17	10.25	10.80	5.40	26.45
18-20	2.91	4.91	1.99	9.82
21-23	7.12	1.81	.12	9.05
00-23	13.65	4.97	1.18	19.80

7.48

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	19.27	30.45	.28	50.00
03-05	19.05	10.11	.00	29.96
06-08	21.37	10.38	.15	31.91
09-11	12.76	7.58	.29	20.63
12-14	18.66	16.37	2.73	37.76
15-17	6.90	10.68	7.23	24.81
18-20	3.34	9.82	2.09	15.26
21-23	16.53	28.43	.17	45.12
00-23	13.95	13.80	1.95	29.70

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	1.32	3.56	2.58	7.46
03-05	3.05	3.75	1.38	8.18
06-08	4.95	2.89	3.30	11.13
09-11	10.00	5.76	5.14	20.90
12-14	9.11	6.99	9.26	25.36
15-17	2.44	3.87	14.54	20.84
18-20	.82	1.46	11.11	13.39
21-23	.68	2.57	3.45	6.70
00-23	4.03	3.86	5.70	13.59

TABLE 7.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (JULY, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 7/43 - 7/67
MONTH OF RECORD - 7,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	2.65	2.02	2.50	2.12	2.29	.4315	676
1	3.31	2.03	4.13	2.61	4.55	.4216	684
2	3.72	2.64	4.05	3.50	3.21	.2266	680
3	2.28	4.31	4.77	4.04	3.35	.1741	649
4	1.91	4.89	4.99	4.38	3.68	.1681	643
5	2.48	5.43	5.27	4.92	7.38	.2849	634
6	3.58	5.79	5.76	5.74	10.04	.3025	627
7	4.63	6.31	6.07	6.65	10.98	.2719	541
8	5.97	7.36	6.80	7.76	14.12	.2820	530
9	7.44	8.83	7.50	8.14	14.47	.2369	527
10	8.75	10.73	8.01	9.20	15.24	.2066	524
11	9.68	12.44	8.84	9.71	17.76	.2011	522
12	10.01	13.23	9.03	10.21	23.04	.2499	522
13	9.91	13.10	8.79	9.63	24.20	.2859	520
14	9.17	11.79	7.80	7.94	19.04	.3076	517
15	6.83	8.97	6.31	6.36	12.43	.3095	514
16	3.29	6.06	4.98	5.04	5.78	.2302	494
17	-.67	3.80	3.68	3.96	2.33	.1600	482
18	-3.77	2.40	3.37	3.20	2.66	.2472	476
19	-6.32	1.45	3.14	2.49	1.60	.2043	474
20	-8.15	.96	3.29	2.45	2.12	.2637	467
21	-9.76	.48	3.22	2.55	1.37	.1665	447
22	-10.72	.20	3.46	2.39	.65	.0782	442
23	-12.00	.05	3.55	2.58	1.41	.1539	429
24	-13.16	.06	4.09	2.83	1.76	.1520	425
25	-13.95	-.06	4.59	3.17	2.33	.1602	413
26	-14.63	.06	5.29	3.09	3.81	.2336	409
27	-15.32	.05	5.48	3.04	4.58	.2755	371

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

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TABLE 8.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF AUG.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	43.06	35.39	7.28	.83	.00	.00	13.44	2096
03-05	44.82	24.39	3.96	.24	.05	.00	26.54	2096
06-08	36.32	22.68	4.74	.78	.05	.00	33.43	2096
09-11	33.72	23.12	6.16	1.76	.10	.00	35.14	2096
12-14	34.26	29.18	10.70	4.64	.49	.00	20.72	2096
15-17	14.27	35.83	29.16	12.76	1.61	.05	6.35	2096
18-20	12.81	53.47	24.54	6.89	.54	.00	1.76	2096
21-23	36.07	47.61	8.31	.73	.05	.00	7.23	2096
00-23	32.17	33.96	11.86	3.58	.36	.00	18.08	16368

8.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	44.53	34.60	5.47	.05	.00	.00	15.35	2096
03-05	44.57	25.54	2.49	.00	.00	.00	26.39	2096
06-08	41.30	26.67	3.08	.24	.00	.00	34.70	2096
09-11	42.23	18.62	4.40	.39	.05	.00	36.31	2096
12-14	45.89	22.48	6.50	2.15	.29	.00	22.68	2096
15-17	38.34	30.50	12.95	5.13	1.17	.05	14.86	2096
18-20	43.35	29.33	10.02	2.74	.29	.05	14.52	2096
21-23	52.49	28.54	4.74	.05	.00	.00	14.17	2096
00-23	43.71	26.12	6.21	1.34	.23	.01	22.37	16368

8.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	47.02	24.49	5.33	.05	.00	.00	23.12	2096
03-05	42.72	18.23	2.49	.00	.00	.00	36.56	2096
06-08	36.22	18.37	2.98	.24	.00	.00	42.18	2096
09-11	38.47	12.90	4.20	.39	.05	.00	43.99	2096
12-14	45.50	18.32	6.16	1.86	.24	.00	29.91	2096
15-17	36.80	28.69	11.73	4.55	1.12	.00	17.16	2096
18-23	44.67	28.15	9.24	2.44	.29	.00	15.20	2096
21-23	54.90	22.83	4.74	.00	.00	.00	18.09	2096
00-23	43.46	20.99	5.86	1.19	.21	.00	28.27	16368

8.1C

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TABLE 8.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF AUG.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	16.57	26.30	2.20	2046	36.36	9.29	4.01
03-05	20.53	19.99	1.76	2046	32.99	7.77	2.20
06-08	17.94	14.91	1.42	2046	31.28	7.04	3.03
09-11	18.08	11.39	1.42	2046	26.59	10.26	5.91
12-14	18.77	13.05	4.11	2046	23.31	15.54	12.85
15-17	10.75	12.22	9.48	2046	13.29	19.60	30.94
18-20	10.75	14.91	4.74	2046	15.00	22.83	30.84
21-23	16.32	19.40	2.26	2046	29.62	18.18	11.34
00-23	16.21	16.52	3.42	16368	26.06	13.81	12.64

8.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	43.84	32.60	2.35	2046	3.32	7.43	5.18
03-05	44.57	22.29	1.61	2046	6.65	7.09	3.33
06-08	37.68	18.67	2.25	2046	7.53	5.47	3.76
09-11	26.63	16.03	3.62	2046	12.46	7.23	7.48
12-14	24.54	18.57	7.77	2046	12.85	9.29	14.37
15-17	10.51	20.97	21.26	2046	3.71	5.82	33.92
18-20	8.70	22.48	17.74	2046	1.91	12.32	35.83
21-23	30.79	29.47	4.35	2046	3.42	14.47	14.57
00-23	28.43	22.66	7.62	16368	6.48	8.64	14.77

8.2B

TABLE 8.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 0 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	2.79	.29	.00	.00	.00	4.11	15.10
5 TO 9	20.82	4.55	.59	.00	.00	.00	2.79	28.74
10- UP	1.91	.44	.00	.00	.00	.00	.44	2.79
TOTAL	30.65	7.77	.88	.00	.00	.00	7.33	46.63

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.60	21.26	4.99	.00	.00	.00	.44	33.28
5 TO 9	6.89	2.64	.29	1.17	.00	.00	.00	11.00
10- UP	.00	4.55	.59	.00	.00	.00	.00	5.13
TOTAL	13.49	28.45	5.87	1.17	.00	.00	.44	49.41

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.81	21.85	.00	.00	.00	.00	3.67	40.32
5 TO 9	14.22	11.73	5.72	.15	.00	.00	3.52	35.34
10- UP	1.32	.88	.00	.00	.00	.59	2.79	5.67
TOTAL	30.35	34.46	5.72	.15	.00	.00	7.77	78.45

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.32	.00	.00	.00	.00	.00	1.32	2.64
5 TO 9	7.92	.00	.00	.00	.00	.00	.44	8.36
10- UP	5.87	.73	.00	.00	.00	.00	.00	6.60
TOTAL	15.10	.73	.00	.00	.00	.00	1.76	17.60

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 1 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.65	2.64	.15	.00	.00	.00	3.96	15.40
5 TO 9	17.60	5.28	.15	.15	.00	.00	3.52	26.69
10- UP	1.32	.44	.15	.00	.00	.00	.15	2.05
TOTAL	27.57	8.36	.44	.15	.00	.00	7.62	44.13

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.62	22.58	6.60	.00	.00	.00	.29	37.10
5 TO 9	6.30	2.35	.29	.73	.00	.00	.00	9.68
10- UP	.00	3.08	.59	.00	.00	.00	.00	3.67
TOTAL	13.93	28.01	7.48	.73	.00	.00	.29	50.44

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.57	23.46	.00	.00	.00	.00	4.25	44.28
5 TO 9	14.37	9.68	5.72	.00	.00	.00	3.23	32.99
10- UP	1.17	.44	.00	.00	.00	.00	.44	2.05
TOTAL	32.11	33.56	5.72	.00	.00	.00	7.92	79.33

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.76	.15	.00	.00	.00	.00	1.03	2.93
5 TO 9	7.62	.00	.00	.00	.00	.00	.15	7.77
10- UP	3.81	.73	.00	.00	.00	.00	.00	4.55
TOTAL	13.20	.88	.00	.00	.00	.00	1.17	15.25

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 2 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.14	2.20	.29	.00	.00	.00	5.57	19.21
5 TO 9	15.98	4.11	.59	.00	.00	.00	2.79	23.46
10- UP	1.32	.29	.00	.00	.00	.00	.15	1.76
TOTAL	28.45	6.60	.88	.00	.00	.00	8.50	44.43

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.12	22.29	6.01	.00	.00	.00	.29	38.71
5 TO 9	4.99	1.61	.15	.44	.00	.00	.00	7.18
10- UP	.00	3.04	.15	.00	.00	.00	.00	3.23
TOTAL	15.10	26.98	6.30	.44	.00	.00	.29	49.12

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.62	22.87	.00	.00	.00	.00	5.43	46.92
5 TO 9	11.29	9.97	4.84	.00	.00	.00	3.37	29.47
10- UP	1.17	.59	.00	.00	.00	.00	.44	2.20
TOTAL	31.09	33.43	4.84	.00	.00	.00	9.24	78.59

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.49	.00	.15	.00	.00	.00	1.76	4.40
5 TO 9	5.57	.00	.00	.00	.00	.00	.59	6.16
10- UP	3.47	.73	.00	.00	.00	.00	.00	4.40
TOTAL	11.73	.73	.15	.00	.00	.00	2.35	14.96

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 3 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.65	2.05	.44	.00	.00	.00	6.45	19.79
5 TO 9	15.69	2.64	.00	.00	.00	.00	2.20	20.53
10- UP	1.61	.29	.00	.00	.00	.00	.00	1.91
TOTAL	28.15	4.99	.44	.00	.00	.00	8.65	42.23

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.73	19.65	4.40	.00	.00	.00	1.03	36.80
5 TO 9	6.74	1.91	.29	.29	.00	.00	.00	9.24
10- UP	.00	2.20	.44	.00	.00	.00	.00	2.64
TOTAL	18.48	23.75	5.13	.29	.00	.00	1.03	48.68

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.67	20.36	.00	.00	.00	.00	5.43	46.48
5 TO 9	10.12	7.77	3.37	.00	.00	.00	3.06	24.34
10- UP	.59	.88	.00	.00	.00	.00	.29	1.76
TOTAL	31.38	29.03	3.37	.00	.00	.00	8.80	72.58

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.52	.00	.00	.00	.00	.00	2.79	6.30
5 TO 9	7.77	.29	.00	.00	.00	.00	.00	8.06
10- UP	3.23	.59	.00	.00	.00	.00	.15	3.96
TOTAL	14.52	.88	.00	.00	.00	.00	2.93	18.33

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 4 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.00	1.76	.29	.00	.00	.00	6.60	19.65
5 TO 9	15.40	2.79	.15	.00	.00	.00	3.08	21.41
10- UP	1.32	.00	.00	.00	.00	.00	.29	1.61
TOTAL	27.71	4.55	.44	.00	.00	.00	9.97	42.67

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.17	17.30	2.36	.00	.00	.00	1.47	33.28
5 TO 9	5.87	1.17	.00	.15	.00	.00	.00	7.18
10- UP	.00	2.20	.44	.00	.00	.00	.00	2.64
TOTAL	18.04	20.67	2.79	.15	.00	.00	1.47	43.11

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.70	17.89	.00	.00	.00	.00	5.43	45.01
5 TO 9	10.26	8.06	2.05	.00	.00	.00	2.49	22.87
10- UP	.29	.88	.00	.00	.00	.00	.15	1.32
TOTAL	32.26	26.83	2.05	.00	.00	.00	6.06	69.21

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.64	.00	.00	.00	.00	.00	3.67	6.30
5 TO 9	6.89	.00	.00	.00	.00	.00	.29	7.18
10- UP	2.35	.73	.00	.00	.00	.00	.00	3.08
TOTAL	11.88	.73	.00	.00	.00	.00	3.96	16.57

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 5 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.56	1.91	.15	.00	.00	.00	9.53	22.14
5 TO 9	12.46	2.20	.29	.00	.15	.00	2.93	18.04
10- UP	.88	.29	.00	.00	.00	.00	.59	1.76
TOTAL	23.90	4.40	.44	.00	.15	.00	13.05	41.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.76	12.46	2.49	.00	.00	.00	1.17	28.89
5 TO 9	5.43	1.03	.15	.29	.00	.00	.00	6.89
10- UP	.00	1.32	.00	.00	.00	.00	.00	1.32
TOTAL	18.18	14.81	2.64	.29	.00	.00	1.17	37.10

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.43	13.49	.00	.00	.00	.00	6.30	42.23
5 TO 9	8.94	7.04	2.05	.00	.00	.00	1.61	19.65
10- UP	.73	.66	.00	.00	.00	.00	.15	1.74
TOTAL	32.11	21.41	2.05	.00	.00	.00	8.06	63.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.11	.29	.00	.00	.00	.00	2.93	7.33
5 TO 9	5.87	.00	.00	.00	.00	.00	.15	6.01
10- UP	1.61	.44	.00	.00	.00	.00	.00	2.05
TOTAL	11.58	.73	.00	.00	.00	.00	3.06	15.40

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TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 6 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.41	1.17	.59	.00	.00	.00	7.92	28.09
5 TO 9	12.17	1.17	.00	.00	.00	.00	1.47	14.81
10- UP	.59	.00	.00	.00	.00	.00	.44	1.03
TOTAL	23.17	2.35	.59	.00	.00	.00	9.82	35.92

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.98	12.61	2.06	.00	.00	.00	.29	30.94
5 TO 9	4.55	1.17	.00	.29	.00	.00	.00	6.01
10- UP	.00	1.91	.00	.00	.00	.00	.00	1.91
TOTAL	20.53	15.69	2.06	.29	.00	.00	.29	38.86

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.29	12.61	.00	.00	.00	.00	5.72	40.62
5 TO 9	8.06	6.16	1.32	.15	.00	.00	1.17	16.86
10- UP	.00	.73	.00	.00	.00	.00	.44	1.17
TOTAL	30.35	19.50	1.32	.15	.00	.00	7.33	58.65

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.84	.29	.00	.00	.00	.00	3.52	8.65
5 TO 9	4.99	.00	.00	.00	.00	.00	.15	5.13
10- UP	1.91	.44	.00	.00	.00	.00	.00	2.35
TOTAL	11.73	.73	.00	.00	.00	.00	3.67	16.13

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 7 NUMBER OBS. 582

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	1.32	.44	.15	.00	.00	5.57	16.72
5 TO 9	11.56	3.08	.15	.15	.00	.00	1.47	16.42
10- UP	.66	.15	.29	.15	.00	.00	.29	1.76
TOTAL	21.73	4.55	.86	.44	.00	.00	7.33	34.90

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.05	15.54	3.23	.00	.00	.00	.88	32.70
5 TO 9	4.11	1.61	.15	.59	.15	.00	.00	6.60
10- UP	.00	2.64	.15	.00	.00	.00	.00	2.79
TOTAL	17.16	19.79	3.62	.59	.15	.00	.88	42.08

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.33	16.13	.00	.00	.00	.00	4.55	39.00
5 TO 9	9.38	5.13	3.06	.15	.00	.00	2.49	20.23
10- UP	.73	.59	.29	.15	.00	.00	.44	2.20
TOTAL	28.45	21.85	3.37	.29	.00	.00	7.48	61.44

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.81	.15	.00	.00	.00	.00	2.93	6.89
5 TO 9	4.84	.00	.00	.00	.00	.00	.15	4.99
10- UP	2.79	.73	.00	.00	.00	.00	.00	3.52
TOTAL	11.44	.88	.00	.00	.00	.00	3.08	15.40

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 8 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.33	1.61	1.03	.15	.00	.00	6.89	17.01	11.73	13.05	4.25	.00	.00	.00	1.17	30.21
5 TO 9	7.04	5.43	.59	.00	.00	.00	.44	13.49	5.72	1.47	.59	.73	.00	.00	.00	8.50
10- UP	.59	.15	.44	.15	.00	.00	.15	1.47	.00	4.11	.29	.00	.00	.00	.00	4.40
TOTAL	14.96	7.16	2.05	.29	.00	.00	7.48	31.96	17.45	18.62	5.13	.73	.00	.00	1.17	43.11

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	17.01	12.96	.00	.00	.00	.00	3.67	33.43	4.84	.15	.00	.00	.00	.00	2.05	7.04
5 TO 9	8.80	3.81	4.40	.29	.00	.00	2.20	19.50	6.30	.00	.00	.00	.00	.00	.00	6.30
10- UP	1.17	.73	.15	.00	.00	.00	1.32	3.37	3.81	1.61	.00	.00	.00	.00	.00	5.43
TOTAL	26.98	17.30	4.55	.29	.00	.00	7.18	56.30	14.96	1.76	.00	.00	.00	.00	2.05	18.77

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 9 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.60	2.64	.73	.15	.00	.00	6.16	16.28	12.32	10.85	4.25	.00	.00	.00	.88	28.30
5 TO 9	6.69	4.25	.59	.29	.00	.00	.88	12.90	5.87	2.79	.15	1.17	.00	.00	.00	9.97
10- UP	.44	.44	.00	.15	.00	.00	.00	1.03	.00	3.37	.29	.15	.00	.00	.00	3.81
TOTAL	13.93	7.33	1.32	.59	.00	.00	7.04	30.21	18.18	17.01	4.69	1.32	.00	.00	.88	42.08

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	15.64	11.29	.00	.00	.00	.00	2.64	29.77	4.99	.44	.00	.00	.00	.00	3.81	9.24
5 TO 9	8.21	2.35	4.69	.29	.00	.00	1.47	17.01	6.60	.00	.00	.00	.00	.00	.44	7.04
10- UP	1.76	.88	.29	.00	.00	.00	.73	3.67	3.52	1.91	.00	.00	.00	.00	.15	5.57
TOTAL	25.81	14.52	4.99	.29	.00	.00	4.84	50.44	15.10	2.35	.00	.00	.00	.00	4.40	21.85

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TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 10 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.04	4.11	.73	.00	.00	.00	7.04	18.91
5 TO 9	5.72	3.37	.59	.15	.00	.00	.73	10.56
10- UP	.59	.29	.15	.15	.00	.00	.15	1.32
TOTAL	13.34	7.77	1.47	.29	.00	.00	7.92	30.79

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.22	7.33	2.79	.00	.00	.00	1.03	25.37
5 TO 9	6.16	1.91	.44	1.32	.00	.00	.00	9.82
10- UP	.00	5.87	.88	.00	.00	.00	.00	6.74
TOTAL	20.38	15.10	4.11	1.32	.00	.00	1.03	41.94

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.25	7.92	.00	.00	.00	.00	3.08	26.25
5 TO 9	6.45	3.23	3.67	.44	.00	.00	1.91	15.69
10- UP	2.05	.88	.00	.00	.00	.00	.44	3.37
TOTAL	23.75	12.02	3.67	.44	.00	.00	5.43	45.31

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.36	1.47	.00	.00	.00	.00	3.08	12.90
5 TO 9	5.57	.00	.00	.00	.00	.00	.73	6.30
10- UP	5.43	2.64	.00	.00	.00	.00	.15	8.21
TOTAL	19.36	4.11	.00	.00	.00	.00	3.96	27.42

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 11 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	3.96	.88	.15	.15	.00	6.60	19.06
5 TO 9	6.01	2.20	.86	.15	.00	.00	1.47	10.70
10- UP	.88	.29	.29	.29	.00	.00	.15	1.91
TOTAL	14.22	6.45	2.05	.59	.15	.00	8.21	31.67

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.96	6.45	3.37	.00	.00	.00	1.32	26.10
5 TO 9	6.16	3.08	.44	1.17	.15	.00	.00	11.00
10- UP	.00	6.16	1.03	.00	.00	.00	.00	7.18
TOTAL	21.11	15.69	4.84	1.17	.15	.00	1.32	44.28

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.78	7.16	.15	.00	.00	.00	3.37	24.49
5 TO 9	6.01	3.67	4.11	.44	.00	.00	1.47	15.40
10- UP	1.03	.88	.29	.00	.15	.00	1.47	3.81
TOTAL	20.82	11.73	4.55	.44	.15	.00	6.01	43.70

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	1.47	.00	.00	.00	.00	4.25	15.25
5 TO 9	7.33	.15	.00	.00	.00	.00	.88	8.36
10- UP	4.99	3.52	.00	.00	.00	.00	.15	8.65
TOTAL	21.85	5.13	.00	.00	.00	.00	5.28	32.26

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 12 NUMBER OBS. 602

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.53	3.81	1.03	.15	.00	.00	6.16	20.67	13.20	8.36	2.49	.00	.00	.00	1.61	25.66
5 TO 9	6.74	2.35	1.03	.44	.00	.00	1.76	12.32	5.57	3.23	.73	2.05	.15	.00	.15	11.88
10- UP	1.17	.59	.44	.15	.00	.00	.15	2.49	.00	8.06	2.20	.00	.00	.00	.00	10.26
TOTAL	17.45	6.74	2.49	.73	.00	.00	8.06	35.48	18.77	19.65	5.43	2.05	.15	.00	1.76	47.80

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	14.81	9.38	.00	.00	.00	.00	2.49	26.69	9.97	2.05	.00	.00	.00	.00	4.25	16.28
5 TO 9	6.01	4.11	3.67	1.17	.00	.00	1.17	16.13	6.89	.00	.00	.00	.00	.00	.73	7.62
10- UP	2.93	.73	.29	.15	.00	.00	.73	4.84	7.18	3.81	.00	.00	.00	.00	.44	11.44
TOTAL	23.75	14.22	3.96	1.32	.00	.00	4.40	47.65	24.05	5.87	.00	.00	.00	.00	5.43	35.34

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 13 NUMBER OBS. 602

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.36	4.69	.88	.29	.00	.00	6.74	20.97	9.97	7.48	4.84	.29	.00	.00	.68	23.46
5 TO 9	6.45	3.23	1.03	.15	.00	.00	1.32	12.17	7.04	4.25	.73	2.64	.15	.00	.15	14.96
10- UP	1.47	.88	1.03	.44	.00	.00	.29	4.11	.00	9.68	2.64	.15	.00	.00	.00	12.46
TOTAL	14.28	8.80	2.93	.88	.00	.00	8.36	37.29	17.01	21.41	8.21	3.08	.15	.00	1.03	50.88

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.49	6.83	.29	.00	.00	.00	3.52	26.10	6.89	1.91	.00	.29	.00	.00	2.93	12.02
5 TO 9	5.57	4.40	6.16	1.03	.00	.00	1.47	18.62	8.65	.00	.00	.00	.00	.00	.88	9.53
10- UP	2.79	2.20	.59	.00	.15	.00	1.32	7.04	8.21	5.72	.00	.00	.00	.00	.59	14.52
TOTAL	21.85	15.40	7.04	1.03	.15	.00	6.30	51.76	23.75	7.62	.00	.29	.00	.00	4.40	36.07

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 14 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.98	3.37	.44	.44	.29	.00	2.64	14.66	9.38	6.89	3.96	.15	.00	.00	.44	20.82
5 TO 9	6.69	3.08	2.20	.73	.15	.00	1.61	14.66	8.06	3.96	1.61	5.43	.59	.00	.15	19.79
10- UP	1.91	1.91	1.47	.00	.15	.00	.29	5.72	.15	11.88	3.37	.44	.00	.00	.00	15.84
TOTAL	16.28	8.36	4.11	1.17	.59	.00	4.55	35.04	17.60	22.73	8.94	6.01	.59	.00	.59	56.45

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.24	9.09	.15	.29	.15	.00	1.91	20.82	5.72	1.03	.15	.00	.00	.00	3.23	10.26
5 TO 9	6.30	3.67	7.33	2.35	.00	.00	1.32	20.97	9.82	.29	.00	.00	.00	.00	.59	10.70
10- UP	4.11	2.79	.86	1.03	.59	.00	2.05	11.44	9.09	7.48	.00	.00	.00	.00	.59	17.16
TOTAL	19.65	15.54	8.36	3.67	.73	.00	5.28	53.23	24.63	8.80	.15	.15	.00	.00	4.40	38.12

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 15 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.13	2.93	1.76	1.32	.00	.00	3.52	14.66	5.57	6.16	4.84	.29	.00	.00	.59	17.45
5 TO 9	4.55	4.11	2.05	1.17	.00	.00	.44	12.32	4.99	4.84	2.05	5.57	1.03	.00	.00	18.48
10- UP	1.61	2.20	2.64	.73	.00	.00	.44	7.62	.00	17.16	6.89	.29	.00	.00	.00	24.34
TOTAL	11.29	9.24	6.45	3.23	.00	.00	4.40	34.60	10.56	28.15	13.78	6.16	1.03	.00	.59	60.26

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.77	6.74	.29	.00	.00	.00	1.61	16.42	2.64	.44	.00	.15	.00	.00	1.47	4.69
5 TO 9	5.57	3.67	8.21	2.93	.15	.00	1.03	21.55	6.60	.29	.15	.00	.00	.00	.88	7.92
10- UP	6.45	3.23	1.32	1.17	.44	.00	3.81	16.42	13.49	12.76	.15	.00	.00	.00	1.17	27.57
TOTAL	19.79	13.64	9.82	4.11	.59	.00	6.45	54.40	22.73	13.49	.29	.15	.00	.00	3.52	40.18

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 16 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.91	2.79	3.67	1.32	.29	.00	.73	10.70
5 TO 9	2.20	3.52	3.81	1.76	.00	.00	.44	11.73
10- UP	1.91	2.20	3.96	.73	.15	.00	.73	9.68
TOTAL	6.01	8.50	11.44	3.81	.44	.00	1.91	32.11

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.37	3.96	6.28	.29	.00	.00	.00	12.90
5 TO 9	4.84	3.08	3.06	8.94	1.76	.00	.00	21.70
10- UP	.00	19.94	9.24	.44	.00	.00	.00	29.62
TOTAL	8.21	26.98	17.60	9.68	1.76	.00	.00	64.22

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.37	4.25	.73	.59	.00	.00	.15	9.09
5 TO 9	3.81	2.93	12.17	3.52	.00	.00	.88	23.31
10- UP	7.48	4.55	2.20	1.03	1.61	.00	4.99	21.85
TOTAL	14.66	11.73	15.10	5.13	1.61	.00	6.01	54.25

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.76	.73	.00	.15	.00	.00	.73	3.37
5 TO 9	4.84	.15	.29	.00	.00	.15	.73	6.16
10- UP	12.02	17.33	.15	.00	.00	.00	3.08	32.55
TOTAL	18.62	18.18	.44	.15	.00	.15	4.55	42.08

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 17 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.32	1.17	2.35	1.17	.29	.00	.59	6.89
5 TO 9	.73	2.05	7.33	2.35	.00	.00	.15	12.61
10- UP	1.03	3.37	4.99	1.76	.00	.00	.00	11.14
TOTAL	3.08	6.60	14.66	5.28	.29	.00	.73	30.65

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.35	2.05	4.55	.59	.00	.00	.00	9.53
5 TO 9	1.61	3.37	3.08	9.24	1.32	.00	.00	18.62
10- UP	.00	22.58	15.98	.29	.00	.00	.00	38.86
TOTAL	3.96	28.01	23.61	10.12	1.32	.00	.00	67.01

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.91	2.35	1.17	.29	.15	.00	.15	6.01
5 TO 9	1.61	1.47	9.82	4.69	.00	.00	.44	18.04
10- UP	11.88	4.69	1.76	.29	1.17	.00	5.57	25.51
TOTAL	15.40	8.65	12.76	5.28	1.32	.00	6.16	49.56

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.73	.59	.29	.44	.00	.00	1.03	3.08
5 TO 9	1.91	.15	.15	.15	.00	.00	1.03	3.37
10- UP	12.17	25.07	.00	.00	.00	.00	4.40	41.64
TOTAL	14.81	25.81	.44	.59	.00	.00	6.45	48.09

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TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 16 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	.59	3.96	1.61	.00	.00	.15	6.89
5 TO 9	.29	2.93	8.80	2.49	.00	.00	.00	14.52
10- UP	1.32	3.67	2.64	1.03	.00	.00	.00	8.65
TOTAL	2.20	7.18	15.40	5.13	.00	.00	.15	30.06

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.47	2.64	6.16	.44	.00	.00	.29	11.00
5 TO 9	2.20	6.30	3.08	8.21	.88	.00	.00	20.67
10- UP	.00	27.27	9.97	.00	.15	.00	.15	37.54
TOTAL	3.67	36.22	19.21	8.65	1.03	.00	.44	69.21

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	2.20	.59	.59	.00	.00	.15	4.55
5 TO 9	1.17	2.49	10.70	3.81	.00	.00	.59	18.77
10- UP	11.00	6.60	1.47	.59	.59	.00	5.72	25.95
TOTAL	13.20	11.29	12.76	4.99	.59	.00	6.46	49.27

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	.59	.00	.15	.00	.15	.73	2.05
5 TO 9	3.23	.15	.29	.00	.00	.00	1.76	5.43
10- UP	14.37	22.58	.15	.00	.00	.00	5.28	42.38
TOTAL	16.04	23.31	.44	.15	.00	.15	7.77	49.85

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 19 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.88	4.84	4.40	.29	.00	.00	.44	10.85
5 TO 9	1.32	7.04	5.57	.59	.15	.00	.15	14.81
10- UP	.59	1.61	1.17	.15	.00	.00	.00	3.52
TOTAL	2.79	13.49	11.14	1.03	.15	.00	.59	29.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.76	6.60	5.87	.00	.00	.00	.15	14.37
5 TO 9	5.57	12.46	1.91	3.81	.29	.00	.00	24.05
10- UP	.00	28.15	3.81	.00	.00	.00	.00	31.96
TOTAL	7.33	47.21	11.58	3.81	.29	.00	.15	70.38

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.73	5.87	.73	.15	.00	.00	.15	7.62
5 TO 9	5.72	4.55	8.36	2.05	.00	.00	2.05	22.43
10- UP	6.21	3.81	.15	.29	.15	.00	4.11	16.72
TOTAL	14.66	14.22	8.94	2.49	.15	.00	6.30	46.77

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	.29	.00	.00	.15	.00	.44	1.91
5 TO 9	9.53	.15	.00	.00	.00	.00	3.52	13.20
10- UP	21.41	13.05	.00	.15	.00	.00	2.93	37.54
TOTAL	31.96	13.49	.00	.15	.15	.00	6.89	52.64

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 20 NUMBER OBS. 662

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	3.37	6.74	3.52	.44	.00	.00	.44	14.52
5 TO 9	2.35	10.12	2.74	.00	.00	.00	.15	15.43
10- UP	.88	.73	.29	.00	.00	.00	.15	2.05
TOTAL	6.03	17.60	6.62	.44	.00	.00	.73	31.96

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	4.40	8.65	6.45	.00	.00	.00	.15	19.65
5 TO 9	11.44	9.29	1.17	1.76	.15	.00	.00	23.75
10- UP	.00	20.97	2.05	.00	.00	.00	.00	23.02
TOTAL	15.84	38.86	9.68	1.76	.15	.00	.15	66.42

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	3.81	8.65	.44	.00	.00	.00	1.03	13.93
5 TO 9	7.92	6.31	7.46	.15	.00	.00	4.69	26.25
10- UP	5.43	2.35	.30	.15	.00	.00	2.69	10.56
TOTAL	17.16	17.31	7.92	.29	.00	.00	8.38	50.73

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.17	.00	.00	.00	.00	.00	.59	1.76
5 TO 9	14.52	.15	.00	.00	.00	.00	3.67	18.33
10- UP	19.36	7.62	.00	.15	.00	.00	.44	27.57
TOTAL	35.04	7.77	.00	.15	.00	.00	4.69	47.65

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 21 NUMBER OBS. 662

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	5.26	6.89	1.17	.15	.00	.00	1.47	14.96
5 TO 9	6.01	9.09	1.17	.00	.00	.00	.44	16.72
10- UP	1.47	.29	.15	.00	.00	.00	.00	1.91
TOTAL	12.76	16.26	2.49	.15	.00	.00	1.91	33.68

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	7.04	13.64	4.69	.00	.00	.00	.15	25.51
5 TO 9	12.46	9.29	.73	.73	.00	.00	.00	23.17
10- UP	.15	14.52	1.32	.00	.00	.00	.00	15.98
TOTAL	19.66	37.39	6.74	.73	.00	.00	.15	64.66

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	6.89	14.08	.00	.15	.00	.00	2.20	23.31
5 TO 9	12.02	4.69	4.55	.00	.00	.00	5.87	27.27
10- UP	3.05	.88	.00	.00	.00	.00	1.17	5.13
TOTAL	21.99	19.79	4.55	.15	.00	.00	9.24	55.72

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.47	.29	.00	.00	.00	.00	1.91	3.67
5 TO 9	16.57	.15	.00	.00	.00	.00	1.91	18.62
10- UP	16.28	3.67	.00	.00	.00	.00	.29	20.23
TOTAL	34.31	4.11	.00	.00	.00	.00	4.11	42.52

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TABLE 8.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 22 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	6.89	.88	.00	.15	.00	2.93	17.01
5 TO 9	9.38	6.89	.44	.00	.00	.00	1.03	17.74
10- UP	1.17	.00	.00	.00	.00	.00	.29	1.47
TOTAL	16.72	13.79	1.32	.00	.15	.00	4.25	36.22

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.62	17.45	4.99	.00	.00	.00	.15	30.21
5 TO 9	10.70	6.16	.73	.59	.00	.00	.00	18.18
10- UP	.00	10.76	1.17	.00	.00	.00	.00	11.88
TOTAL	18.33	34.31	6.89	.59	.00	.00	.15	60.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.41	17.60	.00	.00	.00	.00	3.08	31.09
5 TO 9	14.08	6.89	4.25	.00	.00	.00	3.08	28.30
10- UP	2.20	.73	.29	.00	.00	.00	.73	3.96
TOTAL	26.69	25.22	4.55	.00	.00	.00	6.89	63.34

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.61	.15	.00	.00	.00	.00	2.05	3.81
5 TO 9	13.34	.00	.00	.00	.00	.00	1.17	14.52
10- UP	12.32	2.49	.00	.00	.00	.00	.00	14.81
TOTAL	27.27	2.64	.00	.00	.00	.00	3.23	33.14

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 23 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.80	3.67	.59	.15	.00	.00	3.81	17.01
5 TO 9	15.84	5.13	.59	.00	.00	.00	2.20	23.75
10- UP	2.05	.73	.00	.00	.00	.00	.44	3.23
TOTAL	26.69	9.53	1.17	.15	.00	.00	6.45	43.99

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.87	21.70	5.57	.00	.00	.00	.00	33.14
5 TO 9	6.21	4.11	.29	.59	.00	.00	.00	13.20
10- UP	.00	5.72	.44	.00	.00	.00	.00	6.16
TOTAL	14.08	31.52	6.30	.59	.00	.00	.00	52.49

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.76	21.70	.00	.00	.00	.00	3.52	37.98
5 TO 9	14.22	9.66	5.13	.00	.00	.00	3.81	32.84
10- UP	2.35	.73	.00	.00	.00	.00	.88	3.96
TOTAL	29.33	32.11	5.13	.00	.00	.00	8.21	74.78

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.47	.00	.00	.00	.00	.00	1.32	2.79
5 TO 9	4.53	.00	.00	.00	.00	.00	.73	10.26
10- UP	6.89	1.76	.00	.00	.00	.00	.00	8.65
TOTAL	17.89	1.76	.00	.00	.00	.00	2.05	21.70

TABLE 8.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF AUG.

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
30-02	18.31	9.25	9.06	16.81	20.13
33-05	21.73	10.47	11.26	18.14	26.05
36-08	23.74	10.18	13.56	15.46	39.66
39-11	23.25	11.60	11.65	18.77	37.76
12-14	26.73	13.93	12.82	21.66	35.79
15-17	14.27	6.41	7.88	9.46	24.36
18-20	7.27	3.87	3.43	5.55	11.31
21-23	12.24	8.13	4.11	13.37	10.87
30-23	18.45	9.23	9.22	14.43	25.56

*** RUNWAY 35 ***

PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
17.82	8.32	9.50	16.55	19.09
20.75	8.37	12.38	14.69	28.78
21.98	11.99	9.99	20.47	24.11
23.54	11.94	11.60	20.87	27.12
25.26	14.66	10.57	30.46	20.42
13.80	8.66	5.14	24.02	8.04
7.93	3.87	4.06	12.38	5.91
11.40	3.38	8.03	8.28	13.55
17.81	8.90	8.91	16.77	16.94

8.4A

*** RUNWAY 26 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
30-02	18.20	8.76	7.44	41.24	9.45
33-05	22.58	8.81	13.75	27.95	20.09
36-08	25.73	11.60	14.10	28.11	24.00
39-11	26.82	11.31	15.52	21.16	33.44
12-14	34.[illegible]	10.80	15.61	36.21	30.73
15-17	24.42	11.60	12.82	24.51	24.35
18-20	14.49	7.44	7.05	14.55	14.43
21-23	23.85	14.44	8.41	40.75	9.93
30-23	23.18	11.59	11.59	28.04	19.76

*** RUNWAY 4 ***

PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
12.97	5.34	7.64	6.35	47.85
16.59	8.37	8.22	15.06	48.98
16.89	9.01	7.88	15.82	46.94
23.79	14.15	9.64	19.44	35.43
32.99	17.47	15.52	27.55	42.44
22.42	12.87	9.54	22.79	21.93
14.44	7.15	7.29	14.33	14.55
19.43	5.38	14.05	7.98	43.22
19.94	9.97	9.97	14.22	33.32

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TABLE 8.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF AUG.

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	3.74	9.61	3.47	16.81
03-05	6.36	9.15	2.63	18.14
06-08	8.92	5.43	1.12	15.46
09-11	9.62	5.31	1.84	16.77
12-14	11.37	7.78	2.52	21.68
15-17	4.49	2.68	2.32	9.48
18-20	2.32	1.47	1.76	5.55
21-23	3.31	6.85	2.91	13.07
00-23	6.31	5.85	2.26	14.43

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
13.53	2.92	.10	16.55
12.20	2.23	.26	14.69
16.96	3.09	.42	20.47
15.48	4.96	.43	20.87
16.07	9.75	2.64	30.46
10.04	9.63	4.34	24.02
5.96	4.70	1.72	12.38
6.36	1.20	.72	8.28
13.01	4.62	1.15	18.77

8.4B

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	21.23	18.66	1.36	41.24
03-05	20.30	6.83	.62	27.95
06-08	22.34	4.98	.59	26.11
09-11	14.36	6.48	.55	21.10
12-14	23.00	15.72	2.49	36.21
15-17	7.45	11.17	5.89	24.51
18-20	4.11	8.63	1.63	14.55
21-23	18.65	21.69	.41	40.75
00-23	15.06	11.14	1.82	28.04

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
1.51	3.15	1.69	6.35
4.29	4.47	1.29	10.06
4.82	3.94	2.06	10.82
9.55	5.45	4.44	19.44
10.65	7.41	9.49	27.55
2.77	3.38	16.64	22.79
1.08	2.36	10.89	14.33
1.23	2.68	4.06	7.98
4.55	4.14	5.54	14.22

TABLE 3.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (AUGUST, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 6/43 - 8/67
MONTH OF RECORD - 8,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	2.67	2.03	2.77	2.09	2.54	.4387	733
1	5.29	1.94	3.88	2.52	4.33	.4429	753
2	4.14	2.54	3.90	3.21	3.09	.2472	748
3	2.54	4.12	4.78	4.05	3.38	.1748	720
4	2.21	4.55	5.29	4.18	5.96	.2701	707
5	2.62	4.34	5.57	4.84	7.73	.2868	698
6	3.81	4.34	6.08	5.16	7.29	.2324	687
7	4.91	4.57	6.71	5.53	7.07	.1904	611
8	6.31	5.31	7.30	6.20	8.41	.1060	600
9	7.98	6.45	7.92	6.89	8.96	.1641	596
10	9.55	8.11	8.81	7.76	7.64	.1118	593
11	10.93	9.60	9.53	8.76	-.90	-.0178	586
12	11.54	10.55	9.66	9.12	-1.01	-.0112	585
13	11.38	10.45	9.12	8.64	.84	.0107	585
14	10.49	9.31	7.98	7.41	5.45	.0922	582
15	8.30	7.01	6.54	5.87	5.59	.1455	574
16	4.53	4.48	5.20	4.47	3.53	.1518	560
17	.85	2.65	3.95	3.36	.90	.0675	550
18	-2.25	1.50	3.41	2.58	1.08	.1094	542
19	-4.76	.88	3.16	2.31	1.35	.1848	533
20	-6.53	.72	3.13	2.29	.80	.1119	528
21	-8.08	.56	3.22	2.01	.49	.0759	503
22	-9.36	.26	3.07	2.02	.91	.1465	492
23	-10.61	.07	3.27	2.10	1.42	.2070	483
24	-11.56	.01	3.76	2.35	1.67	.1884	478
25	-12.47	.08	3.65	2.36	.94	.0973	452
26	-13.21	.17	3.73	2.45	.58	.0638	447
27	-13.75	.04	4.12	2.98	.41	.0333	420

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

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SEPTEMBER

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TABLE 9.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF SEPT.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	PERCENTAGES								
00-02	42.32	22.55	5.41	.71	.00	.00	29.02	1980	
03-05	40.91	14.44	3.59	.81	.05	.00	40.20	1980	
06-08	30.20	13.54	5.20	.71	.00	.00	50.35	1980	
09-11	26.33	17.58	7.42	2.17	.35	.00	44.14	1980	9.1A
12-14	32.70	24.55	13.84	5.10	.90	.05	22.73	1980	
15-17	21.46	30.71	20.91	10.91	1.62	.00	14.39	1980	
18-20	26.18	42.68	15.81	3.69	.05	.00	9.39	1980	
21-23	40.90	30.61	6.97	1.31	.00	.00	20.15	1980	
00-23	33.14	24.61	9.89	3.18	.30	.01	28.80	15838	

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	PERCENTAGES								
00-02	44.59	21.08	3.03	.25	.00	.00	31.04	1980	
03-05	37.17	14.43	2.17	.25	.00	.00	46.97	1980	
06-08	33.59	12.02	2.73	.30	.00	.00	51.36	1980	
09-11	36.46	12.58	4.34	.96	.25	.00	45.71	1980	9.1B
12-14	42.66	20.05	6.92	3.03	.61	.00	26.72	1980	
15-17	34.85	25.15	10.96	5.15	1.16	.00	22.73	1980	
18-20	46.46	23.64	6.52	1.16	.00	.00	20.20	1980	
21-23	46.59	25.20	3.33	.15	.00	.00	22.73	1980	
00-23	40.00	19.14	4.96	1.41	.25	.00	33.43	15838	

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	PERCENTAGES								
00-02	39.23	15.42	2.83	.25	.00	.00	42.26	1980	
03-05	33.89	9.24	2.02	.20	.00	.00	54.65	1980	9.1C
06-08	26.99	8.64	2.76	.25	.00	.00	59.34	1980	
09-11	33.33	10.35	3.59	.76	.25	.00	51.72	1980	
12-14	42.27	16.26	5.91	2.12	.51	.00	32.93	1980	
15-17	35.10	23.84	9.44	3.94	.90	.00	26.72	1980	
18-20	51.26	19.80	5.96	.86	.00	.00	22.12	1980	
21-23	47.12	18.64	3.00	.15	.00	.00	31.01	1980	
00-23	36.90	15.27	4.46	1.07	.21	.00	40.09	15838	

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TABLE 9.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF SEPT.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	23.31	14.36	1.72	1978	33.52	8.29	2.73
03-05	20.71	10.66	1.16	1980	28.99	5.76	1.97
06-08	16.43	10.30	.76	1980	22.22	4.09	3.13
09-11	16.11	8.18	2.12	1980	21.46	8.84	6.72
12-14	16.97	9.65	4.70	1980	25.10	16.46	11.62
15-17	14.39	10.10	5.96	1980	19.44	19.75	21.11
18-20	16.01	12.17	2.47	1980	23.28	23.33	15.91
21-23	22.68	15.86	1.36	1980	32.27	11.67	5.30
00-23	18.58	11.41	2.53	15838	25.79	12.27	8.56

9.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	42.21	18.10	2.86	1976	9.61	7.58	3.44
03-05	33.08	12.93	2.37	1980	13.74	4.44	2.68
06-08	27.93	12.22	2.27	1980	9.80	3.18	3.48
09-11	21.46	11.31	4.95	1980	11.82	5.86	7.78
12-14	20.05	15.00	8.59	1980	18.28	8.18	13.94
15-17	16.52	16.46	15.00	1980	11.01	6.82	24.39
18-20	17.02	19.29	10.30	1980	8.59	17.86	19.65
21-23	38.69	21.06	4.29	1980	8.38	10.15	6.52
00-23	27.12	15.80	6.33	15838	11.40	8.01	10.23

9.2B

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TABLE 9.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 0 NUMBER OBS. 658

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.35	2.89	.61	.30	.00	.00	9.73	23.86
5 TO 9	8.97	3.34	1.22	.00	.00	.00	2.13	15.65
10- UP	1.62	.00	.30	.00	.00	.00	.30	1.82
TOTAL	23.92	6.23	2.13	.30	.00	.00	12.16	41.34

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.11	13.23	3.80	.00	.00	.00	.61	35.71
5 TO 9	5.47	1.52	.00	.30	.00	.00	.15	7.45
10- UP	.00	2.89	.46	.00	.00	.00	.00	3.34
TOTAL	21.58	19.65	4.26	.30	.00	.00	.76	46.50

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.43	15.20	.00	.00	.00	.00	5.32	43.92
5 TO 9	7.75	5.17	3.50	.15	.00	.00	2.58	19.15
10- UP	2.43	.91	.15	.00	.00	.00	.46	3.85
TOTAL	33.43	21.28	3.65	.15	.00	.00	8.36	66.67

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.32	.15	.00	.00	.00	.00	3.50	8.66
5 TO 9	6.83	.00	.00	.00	.00	.00	1.52	8.35
10- UP	2.74	1.22	.00	.00	.00	.00	.00	3.95
TOTAL	14.29	1.37	.00	.00	.00	.00	5.02	20.67

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 1 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.76	2.58	.61	.00	.00	.00	8.33	22.27
5 TO 9	9.24	3.03	.45	.00	.00	.00	3.33	16.06
10- UP	.61	.15	.30	.00	.00	.00	.15	1.21
TOTAL	20.61	5.76	1.36	.00	.00	.00	11.82	39.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.45	13.33	2.88	.00	.00	.00	.76	32.12
5 TO 9	7.12	1.36	.15	.91	.00	.00	.15	9.70
10- UP	.00	2.12	.15	.15	.00	.00	.00	2.42
TOTAL	22.58	16.82	2.88	1.06	.00	.00	.91	44.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.97	14.73	.00	.00	.00	.00	5.45	42.12
5 TO 9	7.42	5.61	2.73	.30	.00	.00	2.73	18.79
10- UP	1.06	.61	.00	.00	.00	.00	.61	2.27
TOTAL	30.45	20.91	2.73	.30	.00	.00	8.79	63.18

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.09	.30	.00	.00	.00	.00	4.70	9.09
5 TO 9	7.42	.15	.00	.00	.00	.00	.76	8.33
10- UP	1.52	1.36	.00	.00	.00	.00	.30	3.18
TOTAL	13.03	1.82	.00	.00	.00	.00	5.76	20.61

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TABLE 9.4. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 2 NUMBER OBS. 600

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.82	3.18	.61	.00	.00	.00	8.18	23.79	17.42	10.91	2.58	.00	.00	.00	1.82	32.73
5 TO 9	7.12	1.67	.76	.15	.00	.00	1.67	11.36	4.85	1.67	.76	.30	.00	.00	.15	7.73
10- UP	.76	.15	.15	.00	.00	.00	1.06	2.12	.00	1.67	.76	.00	.00	.00	.00	2.42
TOTAL	19.70	5.00	1.52	.15	.00	.00	10.91	37.27	22.27	14.24	4.09	.30	.00	.00	1.97	42.88

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	23.03	11.06	.00	.00	.00	.06	6.52	40.64	4.85	.15	.00	.00	.00	.00	6.06	11.06
5 TO 9	5.15	5.76	2.56	.30	.00	.00	2.58	16.36	5.61	.00	.00	.00	.00	.00	.76	6.36
10- UP	1.67	.45	.15	.00	.00	.00	.30	2.58	2.27	.45	.00	.00	.00	.00	.45	3.18
TOTAL	29.85	17.27	2.73	.30	.00	.00	9.39	59.55	12.73	.61	.00	.00	.00	.00	7.27	20.61

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 3 NUMBER OBS. 600

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.36	2.42	.91	.30	.00	.00	6.06	20.76	19.55	8.69	1.36	.00	.00	.00	1.52	31.06
5 TO 9	6.94	1.52	.61	.00	.00	.00	.91	11.97	3.79	1.67	.61	.45	.00	.00	.15	6.67
10- UP	.30	.15	.15	.00	.00	.00	.61	1.21	.00	1.97	.45	.00	.00	.00	.00	2.42
TOTAL	20.61	4.09	1.67	.30	.00	.00	7.58	33.94	23.33	12.27	2.42	.45	.00	.00	1.67	40.15

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	20.15	9.24	.00	.00	.00	.00	5.45	34.85	7.42	.00	.00	.00	.00	.00	6.52	13.94
5 TO 9	5.00	5.61	1.82	.00	.00	.00	1.67	14.09	4.55	.00	.00	.00	.00	.00	1.06	5.61
10- UP	.91	.61	.15	.00	.00	.00	.91	2.58	1.97	.76	.00	.00	.00	.00	.30	3.03
TOTAL	26.06	15.45	1.97	.00	.00	.00	8.03	51.52	13.94	.76	.00	.00	.00	.00	7.88	22.58

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 4 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.73	1.82	.30	.30	.00	.00	6.06	21.21
5 TO 9	6.36	1.97	.91	.15	.03	.00	1.82	11.21
10- UP	.76	.00	.00	.00	.00	.00	.30	1.06
TOTAL	19.85	3.79	1.21	.45	.00	.00	8.18	33.48

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.24	7.12	1.82	.00	.00	.00	1.36	29.55
5 TO 9	2.73	1.82	.15	.61	.15	.00	.15	5.61
10- UP	.00	1.36	.30	.00	.00	.00	.00	1.67
TOTAL	21.97	10.30	2.27	.61	.15	.00	1.52	36.82

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO	21.21	7.88	.15	.00	.00	.00	5.61	34.85
5 TO 9	4.85	3.48	1.97	.15	.03	.06	1.97	12.42
10- UP	.91	.45	.30	.15	.00	.00	.45	2.27
TOTAL	26.97	11.82	2.42	.30	.03	.06	8.03	49.55

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.76	.45	.30	.00	.00	.00	7.88	14.09
5 TO 9	3.48	.00	.00	.00	.00	.00	.91	4.39
10- UP	1.82	.30	.00	.00	.00	.00	.15	2.27
TOTAL	11.06	.76	.30	.00	.00	.00	8.94	20.76

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 5 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.21	1.97	.45	.00	.00	.00	6.52	20.15
5 TO 9	5.00	1.36	.61	.00	.00	.00	1.62	8.79
10- UP	.91	.15	.00	.00	.00	.00	.15	1.21
TOTAL	17.42	3.48	1.06	.00	.00	.00	8.18	30.15

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.82	6.82	1.36	.15	.00	.00	1.21	26.36
5 TO 9	2.73	1.21	.30	.76	.00	.00	.00	5.00
10- UP	.00	1.36	.45	.00	.00	.00	.00	1.82
TOTAL	19.55	9.39	2.12	.91	.00	.00	1.21	33.18

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.48	6.97	.00	.00	.03	.00	4.09	29.55
5 TO 9	4.24	3.48	1.67	.45	.00	.00	2.42	12.27
10- UP	.91	.45	.45	.00	.00	.00	.45	2.27
TOTAL	23.64	10.91	2.12	.45	.00	.00	6.97	44.09

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.70	.30	.00	.00	.03	.00	8.18	13.18
5 TO 9	3.03	.00	.00	.00	.03	.00	.30	3.33
10- UP	2.12	.30	.00	.00	.00	.00	.30	2.73
TOTAL	9.85	.61	.00	.00	.00	.00	8.79	19.24

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TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 6 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.67	1.06	.30	.00	.00	.00	6.52	19.65
5 TO 9	5.95	1.82	.61	.15	.00	.00	.45	8.48
10- UP	.45	.00	.00	.00	.00	.00	.00	.45
TOTAL	17.58	2.88	.91	.15	.00	.00	6.97	28.48

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.86	6.82	2.58	.00	.00	.00	1.21	25.45
5 TO 9	2.58	1.67	.15	.30	.00	.00	.00	4.70
10- UP	.00	.76	.45	.00	.00	.00	.00	1.21
TOTAL	17.42	9.24	3.18	[illegible]	.00	.00	1.21	31.36

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.03	6.62	.15	.00	.00	.00	3.79	28.79
5 TO 9	4.09	3.16	2.12	.15	.00	.00	1.06	10.61
10- UP	1.21	.30	.00	.00	.00	.00	.15	1.67
TOTAL	23.33	10.30	2.27	.15	.00	.00	5.00	41.06

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.52	.30	.00	.00	.00	.00	6.21	13.03
5 TO 9	3.48	.00	.00	.00	.00	.00	.30	3.79
10- UP	1.52	.45	.30	.00	.00	.00	.00	1.97
TOTAL	11.52	.76	.00	.00	.00	.00	6.52	18.79

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 7 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.03	2.27	.15	.15	.00	.00	7.73	18.33
5 TO 9	7.73	2.27	.45	.00	.00	.00	1.21	11.67
10- UP	.45	.00	.30	.00	.00	.00	.00	.76
TOTAL	16.21	4.55	.91	.15	.00	.00	8.94	30.76

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.52	6.36	2.58	.00	.00	.00	.91	21.36
5 TO 9	1.52	1.06	.30	.61	.00	.00	.00	3.48
10- UP	.00	1.82	.76	.00	.00	.00	.00	2.58
TOTAL	13.03	9.24	3.64	.61	.00	.00	.91	27.42

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.48	6.67	.15	.00	.00	.00	3.94	28.79
5 TO 9	5.15	3.94	2.06	.30	.00	.00	.91	13.18
10- UP	1.21	.00	.15	.00	.00	.00	.76	2.12
TOTAL	24.85	10.61	3.16	.30	.00	.00	5.15	44.09

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.39	.76	.00	.00	.00	.00	3.64	8.79
5 TO 9	1.52	.15	.00	.00	.00	.00	.76	2.42
10- UP	1.82	1.36	.00	.00	.00	.00	.00	2.88
TOTAL	7.73	1.97	.00	.00	.00	.00	4.39	14.09

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 8 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.12	.76	.91	.15	.00	.00	8.98	17.42
5 TO 9	6.36	3.18	.76	.15	.00	.00	.30	10.76
10- UP	.61	.15	.30	.00	.00	.00	.00	1.06
TOTAL	14.09	4.09	1.97	.30	.00	.00	6.79	29.24

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.39	5.91	3.64	.00	.00	.00	.91	19.85
5 TO 9	2.88	.30	.30	.61	.00	.00	.00	4.09
10- UP	.00	4.39	1.21	.00	.00	.00	.00	5.61
TOTAL	12.27	10.61	5.15	.61	.00	.00	.91	29.55

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.67	6.06	.15	.00	.00	.00	3.33	26.21
5 TO 9	4.85	3.64	2.42	.30	.00	.00	1.67	12.88
10- UP	1.21	.15	.15	.00	.00	.00	1.52	3.03
TOTAL	22.73	9.85	2.73	.30	.00	.00	6.52	42.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.09	.30	.00	.15	.00	.00	3.03	7.58
5 TO 9	3.03	.30	.00	.00	.00	.00	.00	3.33
10- UP	3.48	1.97	.00	.00	.00	.00	.15	5.61
TOTAL	10.61	2.58	.00	.15	.00	.00	3.18	16.52

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 9 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.61	1.36	1.36	.00	.00	.00	6.67	15.00
5 TO 9	4.85	2.73	.61	.15	.00	.00	.61	8.94
10- UP	.61	.61	.61	.00	.00	.00	.00	1.82
TOTAL	11.06	4.70	2.58	.15	.00	.00	7.27	25.76

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.67	6.52	3.33	.00	.00	.00	.76	22.27
5 TO 9	3.48	1.06	.15	.91	.30	.00	.00	5.91
10- UP	.00	3.64	1.36	.00	.00	.00	.15	5.15
TOTAL	15.15	11.21	4.85	.91	.30	.00	.91	33.33

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.18	6.52	.15	.15	.00	.00	2.58	22.58
5 TO 9	4.39	3.03	3.03	.15	.00	.00	1.36	11.97
10- UP	1.67	1.21	.00	.30	.15	.00	1.36	4.70
TOTAL	19.24	10.76	3.18	.61	.15	.00	5.30	39.24

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.36	.61	.00	.00	.00	.00	2.27	9.24
5 TO 9	4.24	.00	.30	.00	.00	.00	.15	4.70
10- UP	3.48	2.12	.30	.00	.00	.00	.15	5.76
TOTAL	14.09	2.73	.30	.00	.00	.00	2.58	19.70

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 10 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.06	2.12	.91	.00	.00	.00	5.00	15.91	10.15	5.15	2.58	.30	.00	.00	.91	19.09
5 TO 9	4.24	1.97	1.06	.30	.00	.00	.76	8.33	3.94	2.27	.30	1.52	.15	.00	.15	8.33
10- UP	.45	.61	.45	.30	.00	.00	.00	1.82	.15	5.00	1.[illegible]2	.00	.30	.00	.00	6.67
TOTAL	12.58	4.70	2.42	.61	.00	.00	5.76	26.06	14.24	12.42	4.39	1.82	.15	.00	1.06	34.09

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.52	5.45	.15	.00	.00	.00	2.88	20.00	7.12	.91	.00	.00	.00	.00	2.73	10.76
5 TO 9	4.55	1.06	3.33	.45	.00	.00	1.06	10.45	5.30	.45	.00	.00	.00	.00	.15	5.91
10- UP	2.12	1.21	.30	.00	.15	.00	1.21	5.00	4.09	3.03	.00	.00	.00	.00	.76	7.88
TOTAL	18.18	7.73	3.79	.45	.15	.00	5.15	35.45	16.52	4.39	.00	.00	.00	.00	3.64	24.55

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 11 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.48	2.73	1.52	.15	.00	.00	4.55	17.42	14.09	4.24	2.73	.00	.00	.00	1.97	23.03
5 TO 9	4.55	1.82	.76	.00	.00	.00	.15	7.27	4.70	3.94	.61	2.27	.61	.00	.15	12.27
10- UP	.61	.61	.91	.45	.00	.00	.15	2.73	.00	6.52	1.67	.15	.00	.00	.00	8.33
TOTAL	13.64	5.15	3.18	.61	.00	.00	4.85	27.42	18.79	14.70	5.00	2.42	.61	.00	2.12	43.64

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.64	4.39	.61	.30	.00	.00	2.88	21.82	4.39	1.97	.45	.15	.00	.00	3.48	15.45
5 TO 9	3.94	2.27	3.18	1.21	.00	.00	.91	11.52	5.76	.15	.00	.00	.00	.00	1.06	[illegible].97
10- UP	2.58	.45	.45	.15	.45	.00	1.06	5.15	6.06	2.88	.15	.00	.00	.00	.61	9.[illegible]3
TOTAL	20.15	7.12	4.24	1.67	.45	.00	4.85	38.48	21.21	5.00	.61	.15	.00	.00	5.15	32.12

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 12 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.65	3.18	1.21	.00	.00	.00	5.45	19.70	14.09	5.30	3.64	.00	.15	.00	1.82	25.00
5 TO 9	4.66	1.82	1.67	.15	.00	.00	.91	9.39	4.39	4.24	1.82	3.18	.45	.00	.00	14.09
10- UP	1.36	.91	1.52	.00	.00	.00	.45	4.24	.00	6.52	3.03	.00	.00	.00	.00	9.55
TOTAL	16.06	5.91	4.39	.15	.00	.00	6.82	33.33	18.48	16.06	8.48	3.18	.61	.00	1.82	48.64

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.48	4.55	.91	.15	.00	.00	2.12	21.21	11.52	2.12	.45	.61	.15	.00	3.94	18.79
5 TO 9	5.61	2.58	3.79	1.52	.00	.00	.91	14.39	5.61	1.06	.15	.00	.00	.00	1.52	8.33
10- UP	3.03	1.36	.30	.00	.45	.00	1.52	6.67	6.21	4.70	.15	.00	.00	.00	.76	11.82
TOTAL	22.12	8.48	5.00	1.67	.45	.00	4.55	42.27	23.33	7.88	.76	.61	.15	.00	6.21	38.94

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 13 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.79	3.03	1.82	.30	.15	.00	2.86	16.97	14.09	6.97	3.33	.15	.00	.00	.91	25.45
5 TO 9	5.30	2.27	.76	.45	.00	.00	1.36	10.15	6.30	6.21	1.21	3.48	.45	.15	.15	16.97
10- UP	1.21	1.06	1.21	.61	.00	.00	.00	4.09	.00	6.06	4.70	.30	.00	.00	.00	11.06
TOTAL	15.30	6.36	3.79	1.36	.15	.00	4.24	31.21	19.39	19.24	9.24	3.94	.45	.15	1.06	53.48

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.45	6.82	1.06	.30	.00	.00	1.67	20.30	11.97	3.48	.45	.76	.00	.00	3.33	20.00
5 TO 9	4.55	3.48	3.79	1.82	.00	.00	.76	14.55	6.67	.30	.00	.00	.00	.00	1.21	8.18
10- UP	2.42	2.12	.61	.76	.33	.00	1.97	8.18	6.06	5.61	.00	.00	.00	.00	1.67	13.33
TOTAL	17.42	12.42	5.61	2.88	.30	.00	4.39	43.03	24.70	9.39	.45	.76	.00	.00	6.21	41.52

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TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 14 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.00	2.58	2.56	.00	.15	.00	3.94	14.24
5 TO 9	4.55	1.82	1.36	.76	.15	.00	.76	9.39
10- UP	1.82	1.82	.61	.76	.30	.00	.45	5.76
TOTAL	11.36	6.21	4.55	1.52	.61	.00	5.15	29.39

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.73	5.61	5.00	.15	.15	.00	1.21	24.85
5 TO 9	5.15	6.36	1.21	4.55	1.06	.00	.00	18.33
10- UP	.45	8.18	5.15	.45	.00	.00	.00	14.24
TOTAL	18.33	20.15	11.36	5.15	1.21	.00	1.21	57.42

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.73	6.06	.91	.76	.00	.00	1.21	18.64
5 TO 9	5.45	2.73	6.21	1.21	.00	.00	.76	16.06
10- UP	3.79	3.03	1.06	.91	.76	.00	1.36	10.91
TOTAL	16.64	11.82	8.18	2.88	.76	.00	3.33	45.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.88	3.03	.45	.30	.15	.00	4.24	16.06
5 TO 9	6.36	.61	.15	.00	.00	.00	.91	8.03
10- UP	7.58	6.52	.15	.00	.00	.00	2.42	16.67
TOTAL	21.82	10.15	.76	.30	.15	.00	7.58	40.76

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 15 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.18	3.33	1.82	.76	.15	.00	4.24	18.48
5 TO 9	3.64	2.42	1.97	1.36	.00	.00	.61	10.00
10- UP	1.52	1.52	2.12	.61	.00	.00	.30	6.06
TOTAL	13.33	7.27	5.91	2.73	.15	.00	5.15	34.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.61	5.76	4.39	.45	.15	.00	.45	21.82
5 TO 9	3.94	5.15	.91	5.76	1.06	.00	.00	16.82
10- UP	.30	11.36	5.91	.30	.00	.00	.00	17.88
TOTAL	14.85	22.27	11.21	6.52	1.21	.00	.45	56.52

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.76	6.36	.91	1.36	.15	.00	2.27	21.82
5 TO 9	3.64	2.88	5.45	2.48	.00	.00	1.06	15.91
10- UP	4.55	2.27	1.67	.61	.76	.00	2.42	12.27
TOTAL	18.94	11.52	8.03	4.85	.91	.00	5.76	50.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.42	2.27	.30	.30	.00	.00	2.42	12.73
5 TO 9	4.70	.76	.15	.00	.00	.00	1.67	7.27
10- UP	7.58	9.55	.30	.00	.00	.00	2.88	20.30
TOTAL	19.70	12.58	.76	.30	.00	.00	6.97	40.30

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TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 16 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.30	1.97	2.73	.45	.30	.00	3.79	14.65
5 TO 9	1.97	1.97	3.18	1.82	.15	.00	.45	9.55
10- UP	1.21	1.06	1.97	.91	.00	.00	5.45	10.60
TOTAL	8.48	5.30	7.88	3.18	.45	.00	9.69	29.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.48	3.94	5.30	.76	.00	.00	.61	19.09
5 TO 9	3.03	6.06	2.27	7.12	1.52	.00	.15	20.15
10- UP	.00	13.18	7.12	.61	.00	.00	.00	20.91
TOTAL	11.52	23.18	14.70	8.48	1.52	.00	.76	60.15

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.48	4.39	1.21	.76	.00	.00	1.36	16.21
5 TO 9	2.73	1.97	7.88	3.64	.00	.00	.76	16.97
10- UP	5.45	4.24	1.52	1.36	.91	.00	2.27	15.76
TOTAL	16.67	10.61	10.61	5.76	.91	.00	4.39	48.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.06	1.67	.30	.45	.15	.00	2.27	10.91
5 TO 9	4.24	.45	.15	.00	.00	.00	.45	5.30
10- UP	7.88	11.67	.15	.00	.00	.00	4.55	24.24
TOTAL	18.18	13.79	.61	.45	.15	.00	7.27	40.45

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 17 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.64	1.97	2.12	.76	.00	.00	1.67	10.15
5 TO 9	1.67	1.97	4.39	2.42	.15	.00	.15	10.76
10- UP	1.21	.91	2.56	.91	.00	.00	.76	6.36
TOTAL	6.52	4.85	9.09	4.09	.15	.00	2.58	27.27

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.36	4.70	5.61	.45	.00	.00	.30	17.42
5 TO 9	3.18	7.73	2.88	6.97	1.52	.00	.00	22.27
10- UP	.30	17.58	6.21	.45	.00	.00	.00	24.55
TOTAL	9.85	30.00	14.70	7.88	1.52	.00	.30	64.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.85	4.09	1.21	.61	.30	.00	.76	11.52
5 TO 9	2.42	2.27	8.94	2.27	.00	.00	.61	16.52
10- UP	5.30	4.09	1.52	.91	1.21	.00	3.94	16.97
TOTAL	12.27	10.45	11.67	3.79	1.52	.00	5.30	45.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.94	2.12	.91	.30	.00	.00	2.12	9.39
5 TO 9	4.70	.76	.15	.00	.00	.00	2.27	7.88
10- UP	10.15	13.64	.15	.00	.00	.00	4.70	28.64
TOTAL	16.79	16.52	1.21	.30	.00	.00	9.09	45.91

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 18 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	3.33	3.64	4.24	.61	.00	.00	.76	12.58	5.30	5.45	4.66	.30	.00	.00	.00	15.61
5 TO 9	1.82	3.33	5.30	.76	.00	.00	.15	11.36	8.18	11.82	2.27	4.39	.15	.00	.00	26.82
10- UP	1.21	.91	.91	.45	.00	.00	.45	3.94	.15	16.62	4.09	.15	.00	.00	.00	21.21
TOTAL	6.36	7.88	10.45	1.82	.00	.00	1.36	27.88	13.64	34.09	10.91	4.85	.15	.00	.00	63.64

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	2.88	4.24	1.21	.30	.00	.00	.76	9.39	3.18	1.82	.15	.15	.00	.00	1.67	6.97
5 TO 9	3.18	3.94	6.82	1.97	.00	.00	.30	16.21	11.62	.91	.15	.00	.00	.00	3.94	16.82
10- UP	7.73	3.48	.91	.15	.00	.00	3.03	15.[illegible]	15.00	8.18	.00	.00	.00	.00	2.88	26.06
TOTAL	13.79	11.67	8.94	2.42	.00	.30	4.09	40.[illegible]	30.00	10.91	.30	.15	.00	.00	8.48	49.85

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 19 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.24	6.21	4.24	.45	.00	.00	.76	15.91	8.79	9.39	4.70	.00	.00	.00	.30	23.18
5 TO 9	2.42	5.00	3.03	.61	.00	.00	.45	11.52	13.91	11.36	.61	1.67	.00	.00	.00	24.24
10- UP	1.21	.61	.30	.00	.00	.00	.15	2.27	.00	13.64	3.18	.15	.00	.00	.00	16.97
TOTAL	7.86	11.82	7.58	1.06	.00	.00	1.36	29.70	19.70	34.09	8.48	1.82	.00	.00	.30	64.39

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.52	9.85	.30	.45	.00	.00	.45	17.58	3.48	1.82	.00	.00	.00	.00	2.68	7.88
5 TO 9	6.52	4.39	5.15	.30	.63	.00	1.36	17.73	15.76	.15	.00	.00	.00	.00	3.79	19.70
10- UP	6.21	2.88	.00	.00	.00	.00	1.06	10.15	14.39	5.00	.00	.00	.00	.00	1.52	20.91
TOTAL	19.24	17.12	5.45	.76	.00	.00	2.88	45.45	33.64	6.97	.00	.00	.00	.00	7.88	48.48

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 20 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.12	6.69	1.67	.30	.03	.00	1.82	19.65
5 TO 9	5.15	5.91	1.36	.61	.03	.00	.61	13.64
10- UP	.45	.30	.00	.00	.00	.00	.45	1.21
TOTAL	12.73	14.85	3.03	.91	.00	.00	2.86	34.39

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.48	12.12	5.00	.00	.00	.00	.45	31.06
5 TO 9	11.21	6.52	.61	.61	.03	.00	.00	18.94
10- UP	.00	8.18	1.36	.00	.00	.00	.00	9.55
TOTAL	24.70	26.82	6.97	.61	.03	.00	.45	59.55

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.73	11.52	.15	.00	.00	.00	2.73	24.09
5 TO 9	9.73	8.67	4.39	.15	.00	.00	3.03	23.94
10- UP	2.58	1.36	.30	.00	.00	.00	1.21	5.45
TOTAL	21.97	19.55	4.85	.15	.03	.00	6.97	53.48

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.30	1.21	.00	.00	.00	.00	4.39	10.91
5 TO 9	13.64	.15	.00	.00	.00	.00	3.33	17.12
10- UP	7.88	3.33	.00	.00	.00	.00	.76	11.97
TOTAL	26.82	4.70	.00	.00	.00	.00	8.48	40.00

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 21 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	6.52	2.12	.15	.00	.00	4.55	21.67
5 TO 9	8.18	4.39	.61	.45	.00	.00	1.06	14.39
10- UP	.76	.15	.00	.00	.03	.00	.15	1.06
TOTAL	17.27	10.76	2.73	.61	.00	.00	5.76	37.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.15	14.70	3.33	.00	.00	.00	.91	34.09
5 TO 9	9.70	3.48	.45	.76	.03	.00	.00	14.39
10- UP	.00	4.70	1.21	.15	.03	.00	.00	6.06
TOTAL	24.85	22.88	5.00	.91	.00	.00	.91	54.55

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.30	15.15	.15	.00	.00	.00	3.94	35.30
5 TO 9	9.24	6.06	3.48	.15	.00	.00	2.12	21.06
10- UP	2.58	1.36	.15	.00	.00	.00	.76	4.85
TOTAL	27.88	22.58	3.79	.15	.00	.00	6.82	61.21

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.45	1.36	.15	.00	.00	.00	3.94	10.61
5 TO 9	11.06	.30	.00	.00	.00	.00	1.36	12.73
10- UP	5.15	1.36	.00	.00	.00	.00	.45	6.97
TOTAL	21.67	2.73	.15	.00	.00	.00	5.76	30.30

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TABLE 9.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 22 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.03	4.55	2.27	.00	.00	.00	7.58	22.42
5 TO 9	10.76	3.94	.61	.15	.00	.00	1.21	16.67
10- UP	.91	.00	.15	.00	.00	.00	.15	1.21
TOTAL	19.70	8.48	3.03	.15	.00	.00	8.94	40.30

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.48	13.48	3.03	.00	.00	.00	.91	30.91
5 TO 9	5.76	3.33	.45	.91	.00	.00	.00	10.45
10- UP	.00	4.24	.91	.15	.00	.00	.00	5.30
TOTAL	19.24	21.06	4.39	1.06	.00	.00	.91	46.67

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.70	14.39	.00	.00	.00	.00	3.79	37.88
5 TO 9	9.55	6.52	3.33	.00	.00	.00	2.27	21.67
10- UP	1.82	1.36	.15	.15	.00	.00	.45	3.94
TOTAL	31.06	22.27	3.48	.15	.00	.00	6.52	63.48

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.24	.61	.00	.00	.00	.00	3.03	7.88
5 TO 9	8.03	.00	.00	.00	.00	.00	1.21	9.24
10- UP	5.00	1.21	.00	.00	.00	.00	.15	6.36
TOTAL	17.7	1.82	.00	.00	.00	.00	4.39	23.48

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 23 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.33	4.70	1.21	.00	.00	.00	7.73	23.94
5 TO 9	10.00	3.03	.91	.15	.00	.00	2.42	16.52
10- UP	1.36	.00	.15	.15	.00	.00	.15	1.82
TOTAL	21.67	7.73	2.27	.30	.00	.00	10.30	42.27

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.64	14.85	2.42	.00	.00	.00	.91	31.82
5 TO 9	6.52	2.27	.45	.91	.00	.00	.00	10.15
10- UP	.00	3.94	.61	.00	.00	.00	.00	4.55
TOTAL	20.15	21.06	3.48	.91	.00	.00	.91	46.52

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.27	15.91	.00	.00	.00	.00	4.70	42.88
5 TO 9	9.39	6.52	2.42	.15	.00	.00	1.97	20.45
10- UP	1.67	1.52	.15	.00	.00	.00	.76	4.09
TOTAL	33.33	23.94	2.56	.15	.00	.00	7.42	67.42

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.18	.45	.00	.00	.00	.00	3.03	6.67
5 TO 9	7.27	.15	.00	.00	.00	.00	1.06	8.48
10- UP	4.09	1.67	.00	.00	.00	.00	.45	6.21
TOTAL	14.55	2.27	.00	.00	.00	.00	4.55	21.36

TABLE 9.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF SEPT.

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	23.01	10.67	12.34	17.60	31.36
03-05	22.56	10.12	12.44	14.99	38.26
06-08	22.00	11.16	11.46	15.87	38.87
09-11	20.44	9.91	10.52	13.46	39.77
12-14	24.53	12.59	11.94	18.36	38.66
15-17	20.23	9.76	10.47	14.05	34.33
18-20	13.35	7.84	5.61	11.31	17.99
21-23	20.33	11.46	8.65	19.38	22.24
00-23	23.89	10.45	10.45	15.46	32.12

*** RUNWAY 35 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	22.56	10.67	11.89	19.25	26.67
03-05	22.96	9.86	13.10	15.60	35.63
06-08	20.74	9.76	10.98	13.84	37.29
09-11	19.58	12.14	7.44	19.29	20.05
12-14	25.24	14.92	10.32	31.93	19.37
15-17	20.74	11.48	9.26	28.95	15.34
18-20	15.78	7.13	8.65	19.03	13.83
21-23	20.94	8.30	12.65	16.37	25.64
00-23	21.07	10.53	10.53	19.75	22.57

9.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	24.89	11.13	13.76	30.22	21.78
03-05	26.56	10.72	15.83	26.76	32.71
06-08	24.64	12.09	12.75	21.02	30.00
09-11	23.77	11.28	12.49	18.13	33.07
12-14	29.29	15.83	13.45	28.12	30.79
15-17	26.45	13.10	13.35	25.19	27.82
18-20	18.72	10.77	7.94	20.16	17.67
21-23	26.33	15.48	10.82	42.98	16.92
00-23	25.13	12.56	12.56	24.74	25.46

*** RUNWAY 4 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	19.78	9.76	10.02	12.30	46.53
03-05	21.19	10.37	10.82	13.11	51.42
06-08	19.73	9.41	10.32	11.26	62.77
09-11	21.80	13.51	8.30	18.13	32.64
12-14	28.78	15.83	12.95	26.59	32.00
15-17	25.70	13.71	11.99	23.75	28.35
18-20	20.49	9.26	11.23	17.20	24.32
21-23	22.51	8.14	14.37	10.87	57.26
00-23	22.50	11.25	11.25	16.00	37.89

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TABLE 9.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF SEPT.

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	6.92	8.67	2.00	17.60
03-05	9.15	5.32	.52	14.99
06-08	10.91	4.45	.50	15.87
09-11	9.15	3.44	.89	13.48
12-14	10.17	6.19	1.99	18.35
15-17	7.86	3.86	2.33	14.35
18-20	4.96	4.30	2.04	11.31
21-23	7.06	9.83	2.16	19.08
00-23	8.32	5.62	1.54	15.48

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
15.24	3.28	.73	19.25
13.44	2.00	.16	15.60
10.82	2.58	.43	13.84
14.39	4.10	.80	19.29
19.48	10.82	1.62	31.93
14.67	10.20	4.08	28.95
9.31	7.96	1.75	19.03
13.27	2.99	.10	16.37
13.77	4.94	1.03	19.75

****

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	23.74	6.93	.55	30.22
03-05	16.47	3.92	.39	20.78
06-08	17.06	3.78	.18	21.02
09-11	12.44	4.88	.81	18.13
12-14	16.62	9.07	2.43	28.12
15-17	12.26	9.63	3.31	25.19
18-20	10.69	8.99	.47	20.15
21-23	28.65	14.04	.28	42.98
00-23	16.12	7.51	1.10	24.74

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
5.29	4.65	2.36	12.30
8.31	3.58	1.21	13.11
6.60	2.42	2.24	11.26
10.73	3.67	3.73	18.13
14.61	4.76	7.22	26.59
8.76	3.51	11.48	23.75
3.67	6.30	7.24	17.20
3.58	4.19	3.11	10.87
7.59	4.03	4.38	16.00

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TABLE 9.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (SEPTEMBER, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 9/42 - 9/67
MONTH OF RECORD - 9,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	1.80	1.16	2.86	2.02	3.38	.5638	663
1	3.45	1.09	4.51	2.92	7.44	.5857	681
2	2.03	1.40	5.54	4.10	8.42	.3703	677
3	1.52	2.81	6.01	5.19	7.53	.2415	646
4	2.08	2.74	6.39	6.20	4.86	.1226	627
5	3.46	2.49	7.06	7.07	4.84	.0969	607
6	5.22	2.45	8.05	8.42	10.09	.1489	599
7	7.51	3.11	9.43	9.75	10.28	.1118	510
8	9.47	3.70	10.85	10.73	18.74	.1610	504
9	11.56	4.46	12.25	11.88	30.57	.2101	502
10	13.74	5.29	13.80	12.53	42.12	.2436	499
11	16.11	5.77	14.79	13.07	51.79	.2678	499
12	17.84	6.52	14.53	13.04	46.44	.2451	498
13	18.06	6.32	13.31	12.09	35.23	.2189	494
14	16.65	5.69	11.31	10.02	19.56	.1726	492
15	13.13	4.31	9.03	7.98	12.74	.1770	488
16	8.94	2.50	6.99	6.05	3.69	.0873	477
17	4.91	.98	5.67	4.66	2.45	.0929	473
18	1.42	-.03	5.06	4.07	4.85	.2352	466
19	-1.08	-.25	4.16	3.27	2.91	.2138	464
20	-2.76	-.45	3.88	2.96	2.58	.2245	462
21	-3.70	-.30	3.74	2.75	2.87	.2786	437
22	-4.46	-.33	3.85	2.83	1.53	.1402	434
23	-5.00	-.30	3.88	2.49	1.11	.1147	428
24	-5.65	-.26	4.24	2.49	2.09	.1978	418
25	-5.75	-.02	4.34	2.69	2.73	.2339	400
26	-5.71	-.17	4.47	2.39	1.77	.1656	392
27	-5.59	-.23	4.85	2.09	1.63	.1609	357

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

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TABLE 10.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF OCT.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	44.25	10.63	4.60	1.12	.34	.05	31.00	2046
03-05	41.94	13.83	3.47	.54	.39	.10	39.74	2046
06-08	34.36	11.39	3.96	1.37	.15	.05	48.73	2046
09-11	27.27	13.49	7.67	2.39	.54	.10	48.53	2046
12-14	30.55	22.39	11.73	4.69	.96	.10	29.57	2046
15-17	25.88	28.84	16.42	6.45	.83	.05	21.55	2046
18-20	36.42	[illegible]	9.53	2.30	.24	.00	17.11	2046
21-23	42.38	26.69	6.16	.93	.20	.00	23.66	2046
00-23	35.03	23.96	7.94	2.47	.46	.05	32.49	16367

10.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	47.53	14.28	2.44	.49	.10	.00	35.16	2045
03-05	40.22	11.29	1.47	.39	.10	.00	46.53	2046
06-08	35.00	10.02	2.00	.54	.05	.00	52.39	2046
09-11	33.68	11.05	3.76	1.08	.44	.05	49.97	2046
12-14	39.15	16.47	6.55	3.23	.83	.10	33.68	2046
15-17	36.17	18.77	10.07	3.27	.73	.15	30.[illegible]	2046
18-20	48.29	18.48	4.15	.73	.15	.00	28.20	2046
21-23	50.20	20.72	2.98	.34	.00	.05	25.71	2045
00-23	41.28	15.13	4.18	1.26	.30	.04	37.81	16367

10.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	42.15	10.61	2.20	.49	.10	.00	44.45	2045
03-05	36.66	8.06	1.37	.39	.10	.00	53.42	2046
06-08	30.45	7.43	1.91	.49	.00	.00	59.73	2046
09-11	29.72	8.94	3.47	.83	.24	.05	56.74	2046
12-14	36.41	15.35	5.57	1.91	.59	.10	40.08	2046
15-17	36.66	18.13	7.58	2.30	.44	.05	34.85	2046
18-20	49.02	14.27	3.52	.64	.15	.00	32.40	2046
21-23	45.41	16.03	2.59	.29	.00	.00	35.68	2046
00-23	38.31	12.35	3.53	.92	.20	.02	44.67	16367

10.1C

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TABLE 10.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF OCT.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	23.03	10.90	1.03	2045	33.59	7.43	4.06
03-05	20.28	8.21	.98	2046	31.38	5.13	3.27
06-08	19.31	7.14	.88	2046	24.88	4.69	3.81
09-11	17.64	6.94	1.52	2046	21.11	7.23	6.60
12-14	16.86	7.09	4.01	2046	26.76	16.18	9.14
15-17	13.98	7.92	4.99	2046	24.44	18.67	14.57
18-20	18.38	9.73	1.66	2046	31.18	18.57	8.70
21-23	24.93	13.78	1.56	2046	31.92	9.24	5.62
00-23	19.30	8.96	2.06	16367	28.03	10.69	6.97

10.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	38.48	11.98	2.54	2045	14.43	6.70	5.77
03-05	31.96	9.34	2.30	2046	16.62	4.79	4.20
06-08	26.74	8.02	2.64	2046	15.79	3.08	4.45
09-11	21.75	7.33	4.64	2046	15.10	3.96	8.11
12-14	21.11	8.55	7.87	2046	21.65	8.41	11.00
15-17	19.16	11.93	8.94	2046	16.57	10.07	16.81
18-20	24.98	13.34	5.57	2046	16.62	15.10	11.97
21-23	41.45	13.78	3.47	2046	13.05	8.06	7.14
00-23	28.20	10.53	4.75	16367	16.23	7.52	8.68

10.2B

TABLE 10.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 0 NUMBER OBS. 602

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.17	2.79	1.03	.59	.15	.00	7.92	24.63	22.87	8.50	2.79	.00	.00	.00	.88	35.04
5 TO 9	6.03	1.61	.29	.15	.00	.00	2.05	10.70	3.81	3.23	.00	.29	.00	.00	.00	7.33
10- UP	.59	.29	.15	.15	.00	.00	.15	1.32	.00	2.79	1.32	.29	.00	.00	.00	4.40
TOTAL	19.35	4.69	1.47	.88	.15	.00	10.12	36.66	26.69	14.52	4.11	.59	.00	.00	.88	46.77

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	27.71	9.36	.15	.00	.00	.00	3.96	41.20	6.01	1.33	.30	.00	.00	.00	6.89	1.93
5 TO 9	5.26	3.23	2.05	.00	.00	.00	1.91	12.46	4.84	.15	.00	.15	.00	.00	1.32	6.45
10- UP	1.47	.73	.29	.00	.00	.00	.29	2.79	4.84	1.33	.15	.15	.00	.00	.15	6.30
TOTAL	34.46	13.34	2.49	.00	.00	.00	6.16	56.45	15.69	2.23	.15	.29	.00	.00	8.36	26.69

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 1 NUMBER OBS. 602

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.17	2.49	.59	.44	.15	.00	6.74	22.58	22.56	8.06	2.05	.00	.00	.00	1.32	34.02
5 TO 9	6.16	2.35	.44	.29	.15	.00	2.35	11.73	3.96	2.35	.44	.44	.15	.00	.00	7.33
10- UP	.44	.00	.29	.00	.00	.00	.00	.73	.00	2.64	1.17	.00	.00	.00	.00	3.81
TOTAL	18.77	4.84	1.32	.73	.29	.00	9.09	35.04	26.54	13.05	3.67	.44	.15	.00	1.32	45.16

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	25.51	9.36	.15	.00	.00	.00	4.25	39.30	7.33	.59	.00	.00	.00	.00	6.74	14.66
5 TO 9	5.43	2.93	1.76	.29	.00	.00	1.32	11.73	4.84	.29	.15	.00	.00	.00	1.32	6.60
10- UP	.88	.59	.44	.15	.00	.00	.59	2.64	3.37	.73	.00	.29	.00	.00	.88	5.28
TOTAL	31.82	12.90	2.36	.44	.00	.00	6.16	53.67	15.54	1.61	.15	.29	.00	.00	8.94	26.54

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TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 2 NUMBER OBS. 661

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.31	3.52	.29	.15	.15	.08	6.45	21.88	20.41	6.90	1.32	.00	.15	.15	2.79	31.72
5 TO 9	5.07	1.62	.29	.29	.15	.08	2.06	10.26	3.67	3.38	.29	.29	.00	.00	.00	7.64
10- UP	.29	.59	.15	.00	.00	.00	.03	1.03	.00	2.94	1.03	.00	.00	.00	.00	3.96
TOTAL	17.47	5.73	.73	.44	.29	.00	8.52	33.19	24.08	13.22	2.64	.29	.15	.15	2.79	43.32

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	23.20	6.61	.29	.00	.00	.00	4.85	34.95	6.75	.59	.15	.00	.00	.00	7.20	14.68
5 TO 9	4.85	3.96	1.47	.15	.00	.00	1.32	11.75	4.99	.29	.00	.15	.00	.00	1.62	7.05
10- UP	1.03	.44	.15	.15	.15	.00	.29	2.20	4.26	.88	.15	.00	.15	.00	.29	5.73
TOTAL	29.07	11.01	1.91	.29	.15	.00	6.46	48.90	16.01	1.76	.29	.15	.15	.00	9.10	27.46

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 3 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.02	2.05	.59	.15	.29	.15	4.69	19.94	22.14	5.87	1.32	.00	.00	.00	1.32	30.65
5 TO 9	5.13	1.76	.59	.00	.00	.08	1.17	8.65	2.93	1.91	.44	.15	.00	.00	.00	5.43
10- UP	.44	.15	.29	.00	.00	.00	.29	1.17	.00	3.38	.88	.00	.00	.00	.00	3.96
TOTAL	17.60	3.96	1.47	.15	.29	.15	6.16	29.77	25.07	10.85	2.64	.15	.00	.00	1.32	40.03

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	20.53	6.01	.15	.00	.00	.00	4.69	31.38	7.04	.88	.00	.00	.00	.00	8.06	15.98
5 TO 9	3.61	3.96	.59	.00	.00	.00	1.76	10.12	3.81	.15	.00	.00	.00	.00	.88	4.84
10- UP	1.03	.73	.29	.15	.00	.00	.29	2.49	3.52	1.03	.00	.15	.00	.00	.29	4.99
TOTAL	25.37	10.70	1.03	.15	.00	.00	6.74	43.99	14.37	2.05	.00	.15	.00	.00	9.24	25.81

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 4 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.85	2.64	.29	.29	.29	.00	5.72	20.09
5 TO 9	4.99	1.17	.59	.15	.00	.00	1.61	8.53
10- UP	.15	.59	.00	.00	.00	.00	.29	1.03
TOTAL	15.98	4.40	.88	.44	.29	.00	7.62	29.62

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.02	6.45	1.47	.00	.29	.00	2.35	33.58
5 TO 9	2.35	2.35	.29	.15	.00	.00	.00	5.13
10- UP	.00	2.49	.29	.00	.00	.00	.00	2.79
TOTAL	25.37	11.29	2.05	.15	.29	.00	2.35	41.50

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.31	6.03	.29	.00	.00	.00	3.52	33.72
5 TO 9	3.06	2.79	1.32	.00	.00	.00	2.05	9.24
10- UP	1.47	.59	.00	.44	.00	.00	.00	2.49
TOTAL	27.86	9.97	1.61	.44	.00	.00	5.57	45.45

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.04	.73	.00	.00	.00	.00	8.65	16.42
5 TO 9	4.41	.00	.00	.00	.00	.00	1.32	5.43
10- UP	2.64	.59	.00	.15	.00	.00	.44	3.81
TOTAL	13.78	1.32	.00	.15	.00	.00	10.41	25.66

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 5 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.44	1.17	.59	.29	.15	.00	7.18	20.82
5 TO 9	4.55	1.32	.44	.00	.15	.00	1.03	7.48
10- UP	.44	.15	.00	.00	.00	.00	.15	.73
TOTAL	16.42	2.64	1.03	.29	.29	.00	8.36	29.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.73	4.99	1.32	.00	.00	.00	.88	29.91
5 TO 9	2.79	1.17	.15	.44	.00	.15	.15	4.84
10- UP	.00	2.20	.88	.00	.00	.00	.00	3.08
TOTAL	25.51	8.36	2.35	.44	.00	.15	1.03	37.83

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.70	5.43	.00	.00	.00	.00	3.67	30.79
5 TO 9	3.81	2.49	1.32	.15	.00	.00	.88	8.65
10- UP	.44	.73	.44	.15	.15	.00	.00	1.91
TOTAL	25.95	8.65	1.76	.29	.15	.00	4.55	41.35

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.89	.44	.00	.00	.00	.00	10.12	17.45
5 TO 9	3.52	.15	.00	.00	.00	.00	.44	4.11
10- UP	2.93	.59	.00	.00	.15	.00	.15	3.81
TOTAL	13.34	1.17	.00	.00	.15	.00	10.70	25.37

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TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 6 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.56	1.61	.44	.29	.15	.15	4.55	17.74	23.17	3.81	.59	.15	.00	.00	2.49	30.21
5 TO 9	4.99	1.17	.59	.15	.00	.00	1.03	7.92	3.08	1.32	.73	.44	.15	.00	.00	5.72
10- UP	.15	.03	.00	.15	.00	.00	.00	.29	.00	2.05	1.03	.00	.00	.00	.00	3.08
TOTAL	15.69	2.79	1.03	.59	.15	.15	5.57	25.95	26.25	7.18	2.35	.59	.15	.00	2.49	39.00

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	19.50	3.96	.29	.00	.00	.00	3.23	26.98	7.77	.88	.00	.00	.00	.00	10.85	19.50
5 TO 9	2.79	2.93	.73	.29	.00	.00	.73	7.48	3.96	.15	.00	.00	.00	.00	.44	4.55
10- UP	1.03	.44	.44	.29	.00	.00	.15	2.35	2.49	.73	.15	.00	.00	.00	.73	4.11
TOTAL	23.31	7.33	1.47	.59	.00	.00	4.11	36.80	14.22	1.76	.15	.00	.00	.00	12.02	28.15

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 7 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.88	.73	.73	.29	.00	.00	6.01	19.65	16.57	4.69	1.32	.00	.00	.00	1.61	24.19
5 TO 9	3.52	1.47	.15	.15	.00	.00	1.33	6.30	1.32	1.47	.29	.59	.00	.00	.00	3.67
10- UP	.44	.29	.00	.00	.00	.00	.15	.88	.00	2.35	1.32	.00	.00	.00	.00	3.67
TOTAL	15.84	2.49	.88	.44	.00	.00	7.18	26.83	17.89	8.50	2.93	.59	.00	.00	1.61	31.52

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	18.91	4.40	.15	.15	.00	.00	2.79	26.39	8.21	.29	.00	.00	.00	.00	6.89	15.40
5 TO 9	2.79	1.76	1.91	.15	.00	.00	1.61	8.21	1.47	.00	.15	.00	.00	.00	.59	2.20
10- UP	.59	.73	.29	.00	.00	.00	.44	2.05	3.08	.88	.00	.00	.00	.00	.15	4.11
TOTAL	22.29	6.89	2.35	.29	.00	.00	4.84	36.66	12.76	1.17	.15	.00	.00	.00	7.62	21.70

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 8 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	1.47	.73	.29	.00	.00	8.50	20.53
5 TO 9	4.40	1.03	1.03	.15	.00	.00	.59	7.18
10- UP	.44	.59	.29	.00	.00	.15	1.47	3.03
TOTAL	14.37	3.08	2.05	.44	.00	.00	9.24	29.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.29	5.87	.73	.29	.15	.00	1.91	20.23
5 TO 9	1.76	1.03	1.03	.59	.00	.00	.29	4.69
10- UP	.00	3.23	.88	.59	.00	.00	.00	4.69
TOTAL	13.05	10.12	2.64	1.47	.15	.00	2.20	29.62

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.72	6.01	.15	.00	.15	.00	3.81	26.83
5 TO 9	2.20	2.79	1.47	.44	.00	.08	1.47	8.36
10- UP	1.47	1.03	.29	.15	.00	.00	.59	3.52
TOTAL	20.38	9.82	1.91	.59	.15	.00	5.87	38.71

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.06	.88	.00	.00	.00	.00	3.52	12.46
5 TO 9	1.76	.15	.00	.15	.00	.00	.44	2.49
10- UP	2.20	2.35	.00	.00	.00	.00	.68	5.13
TOTAL	12.02	3.38	.00	.15	.00	.00	4.64	20.09

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 9 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.06	1.47	.59	.29	.15	.00	9.38	19.94
5 TO 9	4.84	2.05	.59	.29	.00	.00	.59	8.36
10- UP	.44	.44	.29	.00	.00	.00	.00	1.17
TOTAL	13.34	3.96	1.47	.59	.15	.00	9.97	29.47

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.32	3.67	1.76	.15	.00	.00	1.91	19.79
5 TO 9	2.35	1.17	.29	.73	.15	.00	.00	4.69
10- UP	.00	2.37	1.17	.88	.00	.15	.00	5.57
TOTAL	14.66	8.21	3.23	1.76	.15	.15	1.91	30.06

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.45	4.40	.29	.15	.15	.00	3.81	26.25
5 TO 9	2.35	2.64	2.20	.29	.00	.00	.88	8.36
10- UP	1.47	.88	.44	.15	.00	.15	.59	3.67
TOTAL	21.26	7.92	2.93	.59	.15	.15	5.28	38.27

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.48	.29	.00	.00	.00	.00	3.67	11.44
5 TO 9	2.49	.73	.00	.15	.00	.00	.15	3.52
10- UP	2.79	2.05	.15	.00	.00	.00	1.17	6.16
TOTAL	12.76	3.08	.15	.15	.00	.00	4.99	21.11

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TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 10 NUMBER OBS. 602

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	7.77	1.32	.73	.15	.49	.08	5.43	15.89
5 TO 9	2.35	1.17	1.17	.59	.00	.08	.44	5.72
10- UP	.15	.88	.59	.00	.00	.00	.00	1.61
TOTAL	10.26	3.37	2.49	.73	.49	.08	5.87	23.17

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	11.73	3.52	2.79	.29	.00	.00	2.93	21.26
5 TO 9	1.76	2.64	1.32	.44	.15	.00	.00	6.30
10- UP	.15	3.67	2.05	.38	.00	.00	.00	6.74
TOTAL	13.64	9.82	6.16	1.61	.15	.00	2.93	34.31

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	12.96	3.96	.73	.29	.15	.00	1.91	19.50
5 TO 9	2.05	.73	2.20	.29	.00	.00	.15	5.43
10- UP	2.05	1.03	1.03	.15	.00	.00	1.32	5.57
TOTAL	16.37	5.72	3.96	.73	.15	.00	3.37	30.50

RUNWAY 9 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	9.24	.73	.00	.00	.00	.00	8.69	19.66
5 TO 9	1.47	1.03	.15	.15	.00	.00	.29	3.08
10- UP	3.96	2.93	.00	.00	.00	.00	2.20	9.09
TOTAL	14.66	4.49	.15	.15	.00	.00	7.18	26.83

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 11 NUMBER OBS. 602

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	8.80	1.76	1.47	.00	.15	.00	4.99	17.16
5 TO 9	3.67	1.61	.59	.29	.15	.00	.44	6.79
10- UP	.29	.59	.88	.00	.00	.00	.00	1.76
TOTAL	12.76	3.96	2.93	.29	.29	.00	5.43	25.66

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	14.37	5.67	1.91	.15	.00	.00	2.20	22.29
5 TO 9	2.93	4.11	1.91	1.32	.29	.15	.00	10.70
10- UP	.15	3.52	2.93	.73	.15	.00	.00	7.48
TOTAL	17.45	11.29	6.74	2.20	.44	.15	2.20	40.47

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	11.29	4.84	.73	.44	.15	.00	2.05	19.50
5 TO 9	3.06	1.17	2.79	.73	.15	.00	.29	8.21
10- UP	1.91	.59	.29	.15	.44	.00	1.32	4.69
TOTAL	16.26	6.60	3.81	1.32	.73	.00	3.67	32.40

RUNWAY 9 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	11.88	2.20	.15	.29	.15	.00	4.55	19.21
5 TO 9	3.52	.29	.15	.00	.00	.00	1.32	5.28
10- UP	4.11	2.64	.00	.00	.15	.00	2.20	9.09
TOTAL	19.50	5.13	.29	.29	.29	.00	8.06	33.58

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TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 12 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	1.91	1.47	.00	.00	.00	4.69	18.33
5 TO 9	3.67	1.17	.44	.59	.15	.00	.73	6.74
10- UP	1.03	1.76	.44	.15	.00	.00	.00	3.37
TOTAL	14.96	4.84	2.35	.73	.15	.00	5.43	28.45

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.76	4.11	2.93	.29	.00	.00	2.64	22.73
5 TO 9	3.37	6.89	2.20	2.06	.59	.00	.00	15.10
10- UP	.00	3.52	3.23	.29	.15	.15	.00	7.33
TOTAL	16.13	14.52	8.36	2.5[illegible]	.73	.15	2.64	45.16

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.32	4.55	1.61	.59	.00	.00	2.20	21.26
5 TO 9	2.79	1.17	3.37	.88	.15	.00	.15	8.50
10- UP	2.35	1.47	.59	.88	.15	.15	1.17	6.74
TOTAL	17.45	7.16	5.57	2.35	.29	.15	3.52	36.51

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.14	2.79	.44	.29	.00	.00	4.84	19.50
5 TO 9	5.43	.73	.29	.00	.00	.00	1.17	7.62
10- UP	4.25	3.23	.00	.00	.15	.00	1.91	9.53
TOTAL	20.82	6.74	.73	.29	.15	.00	7.92	36.66

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 13 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.62	1.91	.73	.59	.00	.00	4.84	15.69
5 TO 9	3.08	1.76	1.47	.44	.00	.15	.88	7.77
10- UP	.29	2.49	1.03	.15	.00	.00	.00	3.96
TOTAL	11.00	6.16	3.23	1.17	.00	.15	5.72	27.42

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.28	6.30	2.64	.15	.15	.00	2.79	28.30
5 TO 9	3.08	6.74	1.91	2.79	.73	.00	.00	15.25
10- UP	.15	4.40	3.52	1.17	.00	.00	.00	9.24
TOTAL	19.50	17.45	8.06	4.11	.88	.00	2.79	52.79

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.65	6.45	.73	1.32	.29	.00	1.17	20.82
5 TO 9	2.64	1.47	3.96	1.17	.15	.00	.44	9.82
10- UP	2.93	2.05	.44	.59	.59	.00	1.32	7.92
TOTAL	16.42	9.97	5.13	3.08	1.03	.00	2.93	38.56

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.90	2.93	.44	.44	.00	.00	6.01	22.73
5 TO 9	5.43	.88	.00	.00	.00	.00	1.32	7.62
10- UP	4.69	3.81	.00	.00	.00	.15	2.20	10.85
TOTAL	23.02	7.62	.44	.44	.00	.15	9.53	41.20

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TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 14 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.06	1.91	1.32	.59	.15	.00	4.55	16.67
5 TO 9	2.64	1.03	1.03	1.32	.00	.00	.73	6.74
10- UP	1.03	1.91	1.47	.29	.00	.00	.00	4.69
TOTAL	11.73	4.84	3.81	2.20	.15	.00	5.28	28.01

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.08	5.87	2.93	.59	.15	.00	2.64	26.25
5 TO 9	4.84	8.50	2.20	1.76	.88	.00	.00	18.18
10- UP	.15	5.28	4.55	.88	.00	.00	.00	10.85
TOTAL	19.06	19.65	9.68	3.23	1.03	.00	2.64	55.28

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	4.99	2.20	1.03	.29	.00	2.49	21.26
5 TO 9	2.20	.88	3.36	.88	.00	.00	.29	7.33
10- UP	2.20	2.49	.88	1.03	.73	.00	1.61	8.94
TOTAL	14.66	8.36	6.16	2.93	1.03	.00	4.40	37.54

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.05	4.84	.88	.29	.00	.00	3.67	22.73
5 TO 9	6.45	.59	.73	.29	.00	.00	1.91	9.97
10- UP	5.67	4.11	.00	.00	.00	.00	2.93	12.61
TOTAL	25.07	9.53	1.61	.59	.00	.00	8.50	45.31

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 15 NUMBER OBS. 662

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.30	2.64	1.32	.15	.00	.00	2.64	13.05
5 TO 9	4.11	1.03	1.32	1.03	.00	.00	.29	7.77
10- UP	.88	2.20	1.47	.44	.00	.00	.00	4.99
TOTAL	11.29	5.87	4.11	1.61	.00	.00	2.93	25.81

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.76	6.30	4.55	.59	.15	.00	1.61	25.95
5 TO 9	4.40	7.48	2.93	3.08	.59	.00	.15	18.62
10- UP	.29	5.72	5.13	2.05	.00	.15	.00	13.34
TOTAL	17.45	19.50	12.61	5.72	.73	.15	1.76	57.92

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.50	6.30	2.64	.73	.44	.00	1.61	20.23
5 TO 9	3.37	2.05	4.99	1.32	.15	.15	.00	12.02
10- UP	2.79	1.91	.59	.88	.44	.00	1.32	7.92
TOTAL	14.66	10.26	8.21	2.93	1.03	.15	2.93	40.18

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	3.37	1.32	.15	.00	.00	3.81	18.18
5 TO 9	6.45	1.17	.44	.15	.00	.00	1.32	9.53
10- UP	5.28	5.28	.00	.00	.00	.00	4.40	14.76
TOTAL	21.26	9.82	1.76	.29	.00	.00	9.53	42.67

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 16 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.57	2.64	1.76	.73	.29	.00	3.08	14.08	12.32	6.72	4.11	.44	.29	.00	1.32	24.19
5 TO 9	3.23	2.05	.73	1.03	.15	.00	.29	7.48	2.93	9.53	2.06	3.37	.29	.00	.00	18.18
10- UP	1.03	2.35	1.61	.44	.00	.00	.15	5.57	.00	7.77	6.60	1.32	.15	.00	.00	15.84
TOTAL	9.82	7.04	4.11	2.20	.44	.00	3.52	27.13	15.25	23.02	12.76	5.13	.73	.00	1.32	58.21

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.06	4.40	2.49	1.61	.15	.15	1.17	18.04	8.80	3.81	1.17	.29	.00	.00	3.67	7.74
5 TO 9	2.35	2.20	4.55	2.20	.00	.15	.73	12.17	5.13	1.47	.44	.15	.00	.00	2.64	9.82
10- UP	2.35	2.49	1.47	.44	.29	.00	1.91	8.94	7.18	4.40	.00	.00	.15	.00	5.87	17.60
TOTAL	12.76	9.09	8.50	4.25	.44	.29	3.81	39.15	21.11	9.68	1.61	.44	.15	.00	12.17	45.16

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 17 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.99	1.91	3.08	.59	.29	.00	3.96	14.81	12.02	5.28	3.81	.73	.00	.00	1.32	23.17
5 TO 9	3.52	2.20	2.35	.29	.00	.00	.15	8.50	3.67	10.85	1.91	2.49	.29	.00	.00	19.21
10- UP	.59	2.35	1.17	.15	.00	.00	.15	4.40	.00	9.38	4.55	.59	.00	.00	.00	14.52
TOTAL	9.09	6.45	6.60	1.03	.29	.00	4.25	27.71	15.69	25.51	10.26	3.81	.29	.00	1.32	56.89

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.36	5.13	2.93	.44	.29	.00	2.05	19.21	6.30	3.81	.15	.00	.00	.00	3.52	13.78
5 TO 9	3.23	1.61	5.57	.73	.00	.00	.44	11.58	6.60	1.32	.29	.00	.00	.00	2.64	10.85
10- UP	3.96	2.05	1.17	.59	.29	.00	.91	9.97	10.26	3.52	.00	.15	.00	.00	3.96	17.89
TOTAL	15.54	8.80	9.68	1.76	.59	.00	4.40	40.76	23.17	8.65	.44	.15	.00	.00	10.12	42.52

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TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 18 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.60	4.69	1.91	.88	.00	.00	1.61	15.69
5 TO 9	2.35	3.52	1.91	.00	.00	.00	.15	7.92
10- UP	.73	.88	.59	.00	.00	.00	.00	2.20
TOTAL	9.68	9.09	4.40	.88	.00	.00	1.76	25.81

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.62	7.48	2.35	.15	.00	.00	1.17	29.77
5 TO 9	7.92	11.73	1.61	1.47	.00	.00	.15	22.87
10- UP	.00	7.48	3.37	.29	.00	.00	.00	11.14
TOTAL	26.54	26.69	7.33	1.91	.00	.00	1.32	63.78

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	6.30	.73	.15	.00	.00	1.32	18.48
5 TO 9	4.69	2.49	3.37	.73	.00	.00	.88	12.17
10- UP	2.35	1.91	.59	.15	.00	.00	1.76	6.74
TOTAL	17.01	10.70	4.69	1.03	.00	.00	3.96	37.39

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.12	3.08	.44	.00	.00	.00	4.99	18.62
5 TO 9	10.70	.29	.29	.00	.00	.00	4.66	16.84
10- UP	11.00	1.91	.29	.00	.00	.00	3.23	16.42
TOTAL	31.82	5.28	1.03	.00	.00	.00	12.76	50.88

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 19 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.45	5.43	2.20	.73	.00	.00	1.47	16.28
5 TO 9	3.37	2.79	1.17	.59	.00	.00	.44	8.36
10- UP	.73	.59	.29	.00	.00	.00	1.61	3.22
TOTAL	10.56	8.80	3.67	1.32	.00	.00	1.91	26.25

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.85	10.41	2.49	.15	.00	.00	.00	34.90
5 TO 9	8.50	8.94	1.17	.59	.29	.00	.00	19.50
10- UP	.00	5.57	2.35	.59	.30	.00	.00	8.50
TOTAL	30.35	24.93	6.01	1.32	.29	.00	.00	62.90

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.17	10.41	.44	.00	.00	1.03	24.05	
5 TO 9	5.57	2.93	2.20	.44	.00	.00	1.47	12.61
10- UP	2.49	1.76	.15	.15	.15	.00	1.03	5.72
TOTAL	20.23	15.10	2.79	.59	.15	.00	3.52	42.38

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	2.69	.15	.00	.00	.00	7.33	17.45
5 TO 9	12.61	.15	.73	.00	.00	.00	4.25	17.74
10- UP	7.33	1.61	.00	.00	.00	.00	2.35	11.29
TOTAL	27.27	4.40	.88	.00	.00	.00	13.93	46.48

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 20 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.41	4.69	1.32	.29	.15	.00	6.30	23.17
5 TO 9	6.45	3.67	1.03	.29	.00	.00	1.47	12.90
10- UP	.73	.29	.15	.00	.00	.00	.00	1.17
TOTAL	17.60	8.65	2.49	.59	.15	.00	7.77	37.24

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.54	9.53	2.49	.15	.00	.00	1.17	28.89
5 TO 9	6.30	5.72	.44	.44	.29	.00	.15	13.34
10- UP	.00	4.40	1.76	.29	.00	.00	.00	6.45
TOTAL	21.85	19.65	4.69	.88	.29	.00	1.32	48.68

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.74	11.29	.00	.00	.00	.00	3.37	32.40
5 TO 9	6.30	4.55	2.49	.29	.00	.00	1.61	15.25
10- UP	2.20	.73	.29	.15	.29	.00	.59	4.25
TOTAL	26.25	16.57	2.79	.44	.29	.00	5.57	51.91

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.18	1.61	.15	.00	.00	.00	4.84	13.78
5 TO 9	8.94	.44	.15	.15	.00	.00	2.05	11.73
10- UP	6.16	1.32	.00	.00	.00	.00	.73	8.21
TOTAL	22.29	3.37	.29	.15	.00	.00	7.62	33.72

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 21 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	5.13	2.05	.15	.00	.00	7.33	24.19
5 TO 9	8.80	4.11	.29	.15	.00	.00	2.35	15.69
10- UP	1.03	.29	.29	.00	.00	.00	.00	1.61
TOTAL	19.35	9.53	2.64	.29	.00	.00	9.68	41.50

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.96	11.29	2.05	.15	.00	.00	1.32	29.77
5 TO 9	6.45	3.67	.59	.44	.00	.00	.00	11.14
10- UP	.00	4.55	1.32	.00	.15	.00	.00	6.01
TOTAL	21.41	19.50	3.96	.59	.15	.00	1.32	46.92

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.29	13.49	.15	.00	.00	.00	2.79	38.71
5 TO 9	7.62	3.23	2.35	.00	.00	.00	2.05	15.25
10- UP	1.03	1.61	.29	.00	.00	.00	.59	3.52
TOTAL	30.94	18.33	2.79	.00	.00	.00	5.43	57.48

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	2.35	.15	.00	.00	.00	4.25	14.08
5 TO 9	7.33	.59	.44	.00	.00	.00	1.03	9.38
10- UP	5.28	1.32	.00	.00	.00	.00	.73	7.33
TOTAL	19.94	4.25	.59	.00	.00	.00	6.01	30.79

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TABLE 10.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 22 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.02	4.69	1.32	.15	.15	.00	7.04	26.37
5 TO 9	8.21	2.35	.59	.15	.00	.00	1.91	13.20
10- UP	.88	.59	.15	.15	.00	.00	.00	1.76
TOTAL	21.11	7.62	2.05	.44	.15	.00	6.94	40.32

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.30	10.85	2.20	.00	.15	.00	1.47	31.96
5 TO 9	4.69	3.67	.44	.44	.00	.00	.15	9.38
10- UP	.00	3.67	1.61	.00	.00	.00	.00	5.28
TOTAL	21.99	18.18	4.25	.44	.15	.00	1.61	46.63

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	25.07	11.44	.29	.15	.00	.00	4.84	41.79
5 TO 9	5.28	3.52	2.64	.15	.00	.00	1.91	13.49
10- UP	1.91	1.03	.15	.15	.00	.00	.44	3.67
TOTAL	32.26	15.98	3.06	.44	.00	.00	7.18	58.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.30	1.61	.00	.00	.00	.00	4.55	12.46
5 TO 9	6.74	.88	.00	.00	.00	.00	1.03	8.65
10- UP	4.69	1.32	.15	.15	.00	.00	.59	6.89
TOTAL	17.74	3.81	.15	.15	.00	.00	6.16	28.01

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 23 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.46	3.08	2.05	.15	.15	.00	7.33	25.22
5 TO 9	7.62	2.35	.29	.00	.00	.00	2.20	12.46
10- UP	.88	.29	.00	.15	.00	.00	.00	1.32
TOTAL	20.97	5.72	2.35	.29	.15	.00	9.53	39.00

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.91	12.76	1.47	.15	.00	.00	.73	34.02
5 TO 9	3.37	3.37	.15	.29	.00	.00	.00	7.18
10- UP	.00	3.37	1.91	.29	.00	.00	.00	5.57
TOTAL	22.29	19.50	3.52	.73	.00	.00	.73	46.77

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	26.41	13.49	.00	.15	.00	.00	4.40	43.84
5 TO 9	5.87	3.37	1.61	.00	.00	.15	1.61	12.61
10- UP	1.17	.88	.59	.15	.00	.00	.44	3.23
TOTAL	32.44	17.74	2.20	.29	.00	.15	6.45	59.68

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.74	.59	.00	.00	.00	.00	5.28	12.61
5 TO 9	4.99	.44	.00	.00	.00	.00	.73	6.16
10- UP	5.13	1.03	.15	.15	.00	.00	.73	7.18
TOTAL	16.86	2.05	.15	.15	.00	.00	6.74	25.95

TABLE 10.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF OCT.

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	23.01	10.57	12.43	16.27	35.52
03-05	22.47	10.52	11.94	14.93	40.46
06-08	22.27	11.16	11.11	15.36	40.61
09-11	22.96	10.82	12.09	14.62	46.33
12-14	23.30	12.04	11.26	16.69	40.42
15-17	19.87	9.89	9.99	13.50	37.29
18-20	20.12	11.65	8.47	16.56	28.65
21-23	24.91	12.78	12.14	21.36	30.17
00-23	22.35	11.16	11.17	16.04	36.87

*** RUNWAY 35 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
23.79	11.31	12.48	20.61	27.66
26.53	12.33	14.19	20.49	35.67
25.21	11.26	13.95	16.91	41.73
21.83	12.73	9.10	19.58	26.01
24.72	14.83	9.89	30.36	19.33
21.19	10.87	10.33	25.72	17.88
24.87	11.06	13.80	26.68	23.58
25.55	12.43	13.12	23.37	28.03
24.21	12.10	12.11	22.39	26.35

10.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	27.17	11.85	15.32	25.23	28.67
03-05	27.36	12.38	14.98	21.96	34.34
06-08	26.09	12.63	13.46	20.19	35.95
09-11	24.47	11.16	13.31	16.81	39.59
12-14	25.99	13.85	12.14	22.14	32.42
15-17	23.69	12.38	11.31	20.62	28.31
18-20	23.79	13.75	10.03	24.48	22.91
21-23	28.14	15.37	12.78	37.16	21.79
00-23	25.84	12.92	12.92	22.85	29.73

*** RUNWAY 4 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
21.29	10.87	10.43	14.87	38.73
21.15	10.23	10.92	13.76	42.56
22.42	10.33	12.09	13.47	51.78
21.63	13.17	8.66	18.09	31.83
28.19	16.05	12.14	27.27	29.52
24.33	11.70	12.63	20.71	29.02
24.57	10.82	13.75	19.23	31.43
23.94	10.67	13.26	14.88	46.89
23.46	11.73	11.74	17.37	36.13

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TABLE 10.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF OCT.

*** RUNWAY 17 ***

HRS	>0 - 3	4 - 8	> 8	TOTAL
	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE			
00-02	9.41	6.10	.75	16.27
03-05	10.14	3.75	1.04	14.93
06-08	13.24	4.45	.67	15.36
09-11	9.79	3.90	.93	14.62
12-14	10.24	4.34	2.10	16.69
15-17	7.69	3.68	2.14	13.50
18-20	9.46	5.71	1.39	16.56
21-23	10.57	8.68	2.13	21.38
00-23	9.67	4.98	1.39	16.04

*** RUNWAY 35 ***

HRS	>0 - 3	4 - 8	> 8	TOTAL
	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE			
00-02	16.32	3.75	.54	20.61
03-05	17.97	2.36	.16	20.49
06-08	15.07	1.62	.22	16.91
09-11	15.21	3.24	1.13	19.58
12-14	19.14	9.62	1.60	30.36
15-17	13.90	8.92	2.90	25.72
18-20	19.83	5.90	.94	26.68
21-23	19.60	3.40	.37	23.37
00-23	17.01	4.48	.89	22.39

10.4B

*** RUNWAY 22 ***

HRS	>0 - 3	4 - 8	> 8	TOTAL
	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE			
00-02	20.23	4.80	.21	25.23
03-05	16.23	3.21	.52	21.96
06-08	16.90	3.05	.23	20.19
09-11	12.24	3.98	.59	16.81
12-14	15.10	5.24	1.80	22.14
15-17	14.02	4.97	1.63	20.62
18-20	17.60	6.27	.61	24.48
21-23	28.76	7.81	.59	37.16
00-23	17.27	4.78	.80	22.85

*** RUNWAY 4 ***

HRS	>0 - 3	4 - 8	> 8	TOTAL
	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE			
00-02	7.97	5.16	1.74	14.87
03-05	9.55	3.42	.79	13.76
06-08	9.20	2.55	1.72	13.47
09-11	12.04	2.82	3.23	18.09
12-14	17.79	4.24	5.24	27.27
15-17	9.36	4.16	7.19	20.71
18-20	8.53	6.70	4.00	19.23
21-23	6.76	5.12	3.00	14.88
00-23	10.02	4.19	3.16	17.37

TABLE 10.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (OCTOBER, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 10/42 - 10/67
MONTH OF RECORD - 10,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	1.42	.72	2.99	2.21	3.04	.4613	651
1	2.22	.50	4.73	2.86	7.44	.5491	712
2	.46	.11	6.00	4.45	10.23	.3827	707
3	1.06	.60	6.87	6.26	7.03	.1637	667
4	2.83	.54	7.44	7.10	3.32	.0628	635
5	4.22	.14	8.29	8.64	7.96	.1112	604
6	5.67	-.25	9.09	10.00	14.70	.1617	585
7	7.20	-.73	10.20	11.17	15.37	.1349	536
8	8.33	-.63	11.69	12.22	17.32	.1213	523
9	9.59	-.21	12.79	13.71	25.51	.1455	519
10	10.93	-.28	13.67	15.79	44.86	.2080	516
11	12.47	-.21	13.70	15.45	49.38	.2333	514
12	14.07	-.02	13.32	14.24	60.62	.3195	514
13	14.51	.81	12.45	12.54	53.91	.3453	512
14	14.10	.95	11.31	10.35	32.17	.2747	509
15	12.59	1.60	9.26	8.71	26.51	.3285	507
16	10.69	.97	7.87	6.67	18.86	.3590	496
17	7.81	.50	6.41	5.49	13.33	.3781	486
18	5.29	.16	5.57	4.42	8.04	.3266	477
19	3.18	.29	4.82	3.57	5.68	.3301	470
20	1.90	-.16	4.31	3.29	5.13	.3618	461
21	1.02	-.32	4.24	2.89	4.00	.3261	445
22	.81	-.06	4.18	2.75	1.84	.1596	442
23	.98	-.31	4.43	2.85	3.09	.2454	437
24	1.37	-.22	5.03	2.91	2.96	.2021	419
25	2.48	.20	5.87	2.88	2.75	.1631	412
26	3.43	.06	6.34	2.67	3.93	.2318	407
27	3.49	-.09	6.53	2.62	3.92	.2293	369

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

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NOVEMBER

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TABLE 11.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF NOV.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	40.97	13.64	4.34	1.52	.25	.00	33.08	1980
03-05	43.64	11.87	3.84	1.26	.15	.05	39.19	1980
06-08	35.81	11.72	3.59	1.21	.35	.05	47.27	1980
09-11	26.46	11.92	6.62	3.36	.76	.15	50.71	1980
12-14	29.04	18.94	10.71	5.30	1.11	.16	34.75	1980
15-17	28.79	24.04	11.82	4.95	1.01	.00	29.39	1980
18-20	38.69	23.43	5.96	1.87	.35	.05	29.65	1980
21-23	45.36	17.98	5.25	1.46	.15	.10	29.49	1980
00-23	36.87	16.72	6.52	2.62	.52	.07	36.69	15840

11.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	43.15	10.20	2.17	.71	.15	.00	46.62	1980
03-05	38.92	8.64	2.07	.35	.10	.00	51.72	1980
06-08	35.81	8.99	2.32	.51	.05	.03	52.32	1980
09-11	32.68	9.44	3.84	1.92	.45	.25	51.41	1980
12-14	35.86	13.23	6.11	3.64	1.31	.05	39.60	1980
15-17	37.27	14.45	6.72	3.13	.86	.05	37.02	1980
18-20	43.84	15.25	3.03	.61	.20	.00	37.07	1980
21-23	46.26	14.55	2.12	.40	.10	.05	36.52	1980
00-23	38.40	11.43	3.55	1.41	.40	.05	44.06	15840

11.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	37.53	7.68	1.77	.61	.10	.00	52.32	1980
03-05	33.69	6.67	1.77	.33	.10	.00	57.47	1980
06-08	31.26	6.77	1.87	.35	.05	.03	59.70	1980
09-11	27.22	8.33	3.33	1.16	.45	.15	59.65	1980
12-14	34.14	12.98	5.40	1.97	.71	.00	44.80	1980
15-17	34.00	14.65	5.25	1.87	.51	.00	42.93	1980
18-20	41.72	11.92	2.22	.35	.20	.00	43.59	1980
21-23	40.86	11.36	2.22	.10	.05	.05	45.35	1980
00-23	36.15	10.04	3.94	.84	.27	.03	50.73	15840

11.1C

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TABLE 11.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

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EDWARDS AFB TAILWINDS
MONTH OF NOV.

11.2A

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	21.21	6.77	1.46	1980	33.54	7.58	4.24
03-05	21.11	6.06	.91	1980	31.31	6.41	3.13
06-08	20.66	5.51	.96	1980	25.91	5.86	3.69
09-11	16.38	5.66	2.83	1980	19.19	8.43	6.21
12-14	20.71	5.96	4.95	1980	18.33	13.84	9.29
15-17	19.29	6.26	3.99	1980	21.52	17.42	9.75
18-20	22.17	8.08	1.16	1980	28.43	11.67	6.77
21-23	24.34	9.40	1.01	1980	32.53	7.32	5.25
00-23	20.98	6.76	2.16	15840	26.34	9.82	6.04

11.2B

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	29.85	8.74	3.43	1980	20.66	7.02	4.95
03-05	25.76	7.53	2.78	1980	23.13	5.96	3.69
06-08	23.03	7.02	2.63	1980	21.57	3.84	4.44
09-11	23.10	6.92	5.71	1980	17.93	3.79	6.21
12-14	19.24	8.03	7.68	1980	22.07	5.15	10.51
15-17	19.75	10.20	7.17	1980	20.05	8.33	12.17
18-20	26.92	10.41	3.69	1980	19.60	9.24	8.08
21-23	33.79	9.60	3.74	1980	23.10	6.67	6.21
00-23	24.80	8.60	4.60	15840	20.64	6.24	7.03

TABLE 11.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 0 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.58	1.97	.76	.30	.00	.00	6.67	22.27	25.76	5.91	1.06	.15	.15	.00	1.21	34.24
5 TO 9	4.55	2.27	.61	.15	.00	.00	.61	8.18	4.39	2.12	.15	.76	.00	.00	.00	7.42
10- UP	.45	.61	.00	.15	.00	.00	.00	1.21	.15	2.58	1.82	.00	.00	.00	.00	4.55
TOTAL	17.58	4.85	1.36	.61	.00	.00	7.27	31.67	30.30	10.61	3.03	.91	.15	.00	1.21	46.21

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	20.00	6.52	.00	.00	.00	.00	5.30	31.82	6.77	.76	.00	.15	.00	.00	12.42	20.30
5 TO 9	4.55	1.62	1.36	.30	.00	.00	.91	8.94	4.85	.00	.15	.00	.00	.00	2.58	7.58
10- UP	1.21	1.06	.61	.15	.00	.00	.76	3.79	3.33	1.06	.00	.15	.00	.00	.76	5.30
TOTAL	25.76	9.39	1.97	.45	.00	.00	6.97	44.55	15.15	1.82	.15	.30	.00	.00	15.76	33.18

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 1 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.12	3.03	.45	.30	.00	.00	4.24	20.15	27.73	3.64	1.52	.00	.00	.00	1.82	34.70
5 TO 9	3.18	1.36	.61	.15	.00	.00	.61	5.91	4.39	2.42	.30	.61	.30	.00	.15	8.18
10- UP	.61	.61	.00	.00	.00	.00	.15	1.36	.15	2.42	1.62	.30	.00	.00	.00	4.39
TOTAL	15.91	5.00	1.06	.45	.00	.00	5.00	27.42	32.27	8.48	3.33	.91	.30	.00	1.97	47.27

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	18.64	4.24	.15	.00	.00	.00	4.70	27.73	8.48	.61	.30	.15	.00	.00	11.82	21.36
5 TO 9	3.79	2.27	1.52	.30	.00	.00	1.36	9.24	5.15	.15	.00	.00	.00	.00	2.58	7.88
10- UP	.91	.91	.61	.15	.15	.00	.45	3.18	2.73	1.67	.00	.00	.00	.00	.61	5.00
TOTAL	23.33	7.42	2.27	.45	.15	.00	6.52	40.15	16.36	2.42	.30	.15	.00	.00	15.00	34.24

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TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 2 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.03	2.42	.45	.15	.00	.00	5.15	21.21
5 TO 9	3.33	1.52	.45	.15	.00	.00	.76	6.21
10- UP	.30	.61	.45	.15	.00	.00	.30	1.82
TOTAL	16.67	4.55	1.36	.45	.00	.00	6.21	29.24

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	26.55	3.64	1.67	.30	.00	.00	1.62	31.67
5 TO 9	3.94	1.97	.30	.61	.30	.00	.00	7.12
10- UP	.00	2.58	.91	.30	.00	.00	.00	3.79
TOTAL	28.48	8.18	2.88	1.21	.30	.00	1.62	42.58

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.36	3.79	.00	.15	.15	.00	4.55	30.00
5 TO 9	3.03	2.58	1.21	.30	.00	.00	.91	8.03
10- UP	1.36	.76	.15	.30	.15	.00	.61	3.33
TOTAL	25.76	7.12	1.36	.76	.30	.00	6.06	41.36

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.58	1.06	.30	.00	.00	.00	11.36	20.30
5 TO 9	3.94	.15	.00	.00	.00	.00	1.62	5.61
10- UP	2.58	1.21	.15	.00	.00	.00	.61	4.55
TOTAL	14.09	2.42	.45	.30	.00	.00	13.48	30.45

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 3 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.48	3.18	.91	.00	.00	.00	3.79	21.36
5 TO 9	3.48	1.06	.61	.15	.00	.00	1.21	6.52
10- UP	.30	.30	.15	.00	.00	.00	.30	1.06
TOTAL	17.27	4.55	1.67	.15	.00	.00	5.30	28.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	24.09	3.94	.76	.00	.00	.00	2.42	31.21
5 TO 9	3.79	1.82	.30	.61	.30	.00	.00	6.82
10- UP	.00	2.12	1.06	.30	.00	.00	.00	3.48
TOTAL	27.88	7.88	2.12	.91	.30	.00	2.42	41.52

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.79	5.45	.15	.15	.00	.00	4.09	28.64
5 TO 9	3.33	1.52	1.36	.15	.00	.00	1.06	7.42
10- UP	1.21	.61	.15	.30	.00	.00	.30	2.58
TOTAL	23.33	7.58	1.67	.61	.00	.00	5.45	38.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	.76	.15	.00	.00	.00	12.12	21.36
5 TO 9	4.55	.15	.15	.00	.00	.00	1.67	6.52
10- UP	2.42	.91	.15	.00	.00	.00	.30	3.79
TOTAL	15.30	1.82	.45	.00	.00	.00	14.09	31.67

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TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 4 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.70	2.58	.61	.15	.00	.00	4.09	22.12
5 TO 9	2.58	1.06	.91	.00	.00	.00	.61	5.15
10- UP	.30	.15	.00	.15	.00	.00	.30	.91
TOTAL	17.58	3.79	1.52	.30	.00	.00	5.00	28.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.79	3.48	1.06	.15	.00	.15	3.03	31.67
5 TO 9	3.64	3.03	.15	.61	.15	.00	.00	7.58
10- UP	.00	1.21	1.21	.30	.00	.00	.00	2.73
TOTAL	27.42	7.73	2.42	1.06	.15	.15	3.03	41.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.66	3.46	.00	.00	.00	.00	4.70	24.29
5 TO 9	2.88	1.67	1.36	.15	.00	.00	1.36	7.42
10- UP	1.06	.76	.30	.00	.30	.00	.61	3.03
TOTAL	20.00	5.91	1.67	.15	.30	.00	6.67	34.70

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.21	1.52	.30	.00	.00	.00	12.27	25.00
5 TO 9	3.94	.15	.15	.00	.00	.00	2.27	6.52
10- UP	2.12	.91	.00	.00	.00	.00	.76	3.79
TOTAL	17.27	2.58	.15	.00	.00	.00	15.30	35.30

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 5 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.42	2.42	.61	.30	.00	.00	4.09	19.85
5 TO 9	3.03	2.42	.30	.00	.00	.00	.76	6.52
10- UP	.33	.00	.15	.00	.00	.00	.30	.76
TOTAL	15.76	4.85	1.06	.30	.00	.00	5.15	27.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.88	3.33	1.52	.15	.00	.00	3.18	31.06
5 TO 9	2.27	1.82	.15	.61	.00	.00	.00	4.85
10- UP	.00	1.82	1.06	.30	.00	.00	.00	3.18
TOTAL	25.15	6.97	2.73	1.06	.00	.00	3.18	39.09

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.67	3.94	.00	.00	.00	.00	3.79	24.39
5 TO 9	3.16	1.67	1.82	.15	.00	.00	.91	7.73
10- UP	1.06	.61	.45	.15	.00	.00	.45	2.73
TOTAL	20.91	6.21	2.27	.30	.00	.00	5.15	34.85

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.55	1.06	.00	.00	.00	.00	12.42	23.03
5 TO 9	2.58	.45	.00	.00	.00	.00	1.82	4.85
10- UP	1.82	.91	.00	.00	.00	.00	.76	3.48
TOTAL	13.94	2.42	.00	.00	.00	.00	15.00	31.36

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 6 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.58	2.27	.30	.15	.30	.00	5.15	20.76
5 TO 9	2.88	.76	.76	.15	.15	.00	.91	5.61
10- UP	.15	.15	.30	.00	.00	.00	.30	.61
TOTAL	15.61	3.18	1.06	.30	.45	.00	6.36	26.97

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.03	3.64	.76	.15	.00	.00	2.27	29.85
5 TO 9	2.88	2.73	.45	.30	.00	.00	.15	6.52
10- UP	.00	1.67	1.06	.30	.00	.00	.00	3.03
TOTAL	25.91	8.03	2.27	.76	.00	.00	2.42	39.39

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.42	3.94	.00	.00	.00	.00	2.88	24.24
5 TO 9	2.42	1.82	1.21	.00	.00	.00	.91	6.36
10- UP	.91	.45	.76	.00	.00	.00	.30	2.42
TOTAL	20.76	6.21	1.97	.00	.00	.00	4.09	33.03

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.15	1.52	.30	.00	.00	.00	12.73	24.70
5 TO 9	2.88	.30	.00	.00	.00	.00	1.36	4.55
10- UP	2.27	1.06	.00	.00	.00	.00	.76	4.09
TOTAL	15.30	2.88	.30	.00	.00	.00	14.85	33.33

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 7 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.58	2.27	.30	.15	.00	.00	6.06	21.36
5 TO 9	2.58	1.52	.30	.00	.00	.00	.45	4.85
10- UP	.00	.15	.30	.00	.00	.00	.15	.61
TOTAL	15.15	3.94	.91	.15	.00	.00	6.67	26.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.64	3.94	.45	.45	.00	.00	2.88	26.36
5 TO 9	2.12	2.12	.30	.61	.15	.00	.00	5.30
10- UP	.00	2.58	1.06	.15	.00	.00	.00	3.79
TOTAL	20.76	8.64	1.82	1.21	.15	.00	2.88	35.45

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.12	4.24	.00	.15	.00	.00	3.03	24.55
5 TO 9	2.27	1.36	.91	.15	.00	.00	.91	5.61
10- UP	.76	.30	.45	.30	.00	.00	.45	2.27
TOTAL	20.15	5.91	1.36	.61	.00	.00	4.39	32.42

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.00	1.67	.30	.00	.00	.00	9.39	21.36
5 TO 9	2.12	.15	.00	.00	.00	.00	1.21	3.48
10- UP	2.58	1.52	.00	.00	.00	.00	.76	4.85
TOTAL	14.70	3.33	.30	.00	.00	.00	11.36	29.70

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TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 8 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.45	2.27	.76	.15	.00	.15	6.06	19.85
5 TO 9	3.33	1.52	.30	.30	.00	.00	.61	6.06
10- UP	.45	.15	.45	.00	.00	.00	.61	1.67
TOTAL	14.24	3.94	1.52	.45	.30	.15	7.27	27.58

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.03	3.18	1.67	.00	.00	.00	3.64	21.52
5 TO 9	2.88	1.36	.45	.45	.45	.00	.15	5.76
10- UP	.00	2.88	1.06	.30	.00	.00	.00	4.24
TOTAL	15.91	7.42	3.18	.76	.45	.00	3.79	31.52

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.94	3.33	.30	.15	.00	.00	2.58	20.30
5 TO 9	3.33	3.03	1.82	.15	.00	.00	.76	9.09
10- UP	1.21	.33	.30	.61	.15	.00	.61	3.18
TOTAL	18.48	6.67	2.42	.91	.15	.00	3.94	32.58

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.27	1.06	.45	.00	.00	.00	4.85	18.64
5 TO 9	2.88	.15	.15	.00	.00	.00	.30	3.48
10- UP	2.88	.76	.00	.00	.00	.00	.76	4.39
TOTAL	18.03	1.97	.61	.00	.00	.00	5.91	26.52

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 9 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.18	2.27	1.06	.30	.00	.00	7.27	19.09
5 TO 9	2.27	2.12	.45	.00	.00	.00	.30	5.15
10- UP	.61	.76	.45	.15	.00	.00	1.97	4.09
TOTAL	11.06	5.15	1.97	.45	.00	.00	7.58	26.21

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.52	3.94	1.21	.00	.00	.00	3.79	20.45
5 TO 9	3.33	1.82	.45	1.21	.61	.00	.30	7.73
10- UP	.30	2.73	1.36	.61	.00	.00	.00	4.70
TOTAL	14.85	8.48	3.03	1.82	.61	.00	4.09	32.88

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.58	3.94	.30	.00	.00	.00	3.03	19.85
5 TO 9	2.88	.30	1.82	.61	.00	.00	.45	6.06
10- UP	1.82	1.21	.45	.15	.61	.00	1.06	5.30
TOTAL	17.27	5.45	2.58	.76	.61	.00	4.55	31.21

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.61	1.82	.30	.45	.00	.00	5.45	18.64
5 TO 9	3.79	.45	.00	.00	.00	.00	.15	4.39
10- UP	1.67	1.97	.00	.00	.00	.00	1.21	4.85
TOTAL	16.06	4.24	.30	.45	.00	.00	6.82	27.88

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TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 10 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.97	1.82	.30	.30	.00	.00	8.79	18.18
5 TO 9	3.33	1.67	.76	.30	.00	.00	.15	6.21
10- UP	.45	.61	.91	.30	.00	.00	.15	2.42
TOTAL	10.76	4.39	1.97	.91	.30	.00	9.09	26.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.73	1.52	1.67	.00	.30	.00	2.27	18.48
5 TO 9	3.48	2.27	.45	1.82	.45	.15	.45	9.09
10- UP	.00	2.12	2.73	1.06	.00	.15	.00	6.06
TOTAL	16.21	5.91	4.85	2.88	.76	.30	2.73	33.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.64	2.58	.61	.45	.00	.15	4.09	21.52
5 TO 9	1.52	1.82	2.27	.76	.00	.15	.91	7.42
10- UP	1.67	1.06	.45	.45	.45	.15	1.52	5.76
TOTAL	16.82	5.45	3.33	1.67	.45	.45	6.52	34.70

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.64	1.82	.45	.15	.00	.00	4.70	15.76
5 TO 9	3.33	.30	.00	.00	.00	.00	.45	3.79
10- UP	2.42	1.82	.00	.00	.00	.00	1.97	6.21
TOTAL	14.39	3.64	.45	.15	.00	.00	7.12	25.76

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 11 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.48	1.82	.61	.61	.30	.00	6.06	17.88
5 TO 9	2.88	1.21	.30	.30	.15	.00	.76	5.61
10- UP	.91	1.52	1.36	.61	.00	.00	.00	4.09
TOTAL	12.27	4.55	1.97	1.52	.45	.00	6.82	27.58

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.82	1.97	1.06	.30	.00	.00	3.48	18.64
5 TO 9	2.42	2.68	.76	1.97	.45	.00	.00	8.48
10- UP	.00	2.73	4.24	.45	.00	.15	.30	7.88
TOTAL	14.24	7.58	6.06	2.73	.45	.15	3.79	35.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.97	2.58	.76	.91	.00	.15	2.58	18.94
5 TO 9	2.88	1.06	1.97	1.06	.00	.15	.15	7.27
10- UP	2.42	1.52	.76	.30	.30	.00	.76	6.06
TOTAL	17.27	5.15	3.46	2.27	.30	.30	3.46	32.27

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.52	1.82	1.36	.45	.00	.00	4.55	19.39
5 TO 9	2.12	.30	.15	.00	.00	.00	.61	3.18
10- UP	2.58	2.27	.15	.00	.00	.00	2.58	7.58
TOTAL	16.21	4.39	1.36	.45	.00	.00	7.73	30.15

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 12 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.36	2.58	.76	.45	.15	.00	4.39	19.70
5 TO 9	3.03	1.36	.91	.61	.00	.00	.30	6.21
10- UP	.45	1.52	1.67	.61	.00	.00	.30	4.55
TOTAL	14.85	5.45	3.33	1.67	.15	.00	5.00	30.45

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.91	1.97	2.27	.30	.00	.00	1.97	17.42
5 TO 9	2.73	1.30	1.21	2.27	.61	.00	.00	12.12
10- UP	.00	3.64	3.64	.76	.00	.00	.15	8.18
TOTAL	13.64	10.91	7.12	3.33	.61	.00	2.12	37.73

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.79	2.42	1.36	1.21	.76	.00	3.64	18.18
5 TO 9	2.58	1.21	2.73	1.21	.00	.00	.30	8.03
10- UP	2.42	1.67	.61	.45	.45	.00	1.21	6.82
TOTAL	13.79	5.30	4.70	2.88	1.21	.00	5.15	33.03

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.88	3.64	.61	.76	.00	.00	3.94	21.82
5 TO 9	3.33	.45	.30	.00	.00	.00	.76	4.55
10- UP	4.39	2.42	.15	.00	.00	.00	1.67	8.64
TOTAL	20.61	6.52	.76	.76	.00	.00	6.36	35.00

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 13 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.27	2.88	1.21	.30	.00	.00	5.06	21.67
5 TO 9	3.94	1.21	.76	.45	.15	.00	.30	6.82
10- UP	.76	1.52	1.06	.91	.15	.00	.30	4.70
TOTAL	16.97	5.61	3.03	1.67	.30	.00	5.61	33.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.33	2.27	2.58	.61	.00	.00	1.82	20.61
5 TO 9	1.67	6.36	1.36	1.67	.61	.45	.30	12.12
10- UP	.00	5.30	3.48	.76	.15	.00	.00	9.70
TOTAL	15.00	13.64	7.42	3.03	.76	.45	2.12	42.42

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	3.48	1.06	.61	.45	.00	4.55	19.24
5 TO 9	3.79	1.06	1.97	.91	.15	.00	.30	8.18
10- UP	3.33	1.21	.91	1.06	.76	.00	.61	7.88
TOTAL	16.21	5.76	3.94	2.58	1.36	.00	5.45	35.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.39	3.18	1.67	.30	.00	.00	3.79	23.33
5 TO 9	2.73	.91	.30	.00	.00	.00	.91	4.85
10- UP	5.15	3.03	.15	.00	.00	.00	3.03	11.36
TOTAL	22.27	7.12	2.12	.30	.00	.00	7.73	39.55

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 14 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.52	2.42	1.21	.30	.45	.00	4.85	20.76
5 TO 9	2.42	1.06	.61	.61	.00	.00	.15	4.85
10- UP	1.21	1.52	1.82	.76	.00	.00	.30	5.61
TOTAL	15.15	5.00	3.64	1.67	.45	.00	5.30	31.21

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.00	2.88	1.52	.30	.15	.00	2.12	16.97
5 TO 9	2.27	8.79	1.97	3.46	.76	.00	.00	17.27
10- UP	.00	4.70	4.39	.76	.15	.00	.00	10.00
TOTAL	12.27	16.36	7.88	4.55	1.06	.00	2.12	44.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.64	5.15	.91	1.36	.30	.15	3.79	20.30
5 TO 9	1.67	1.06	2.86	1.52	.15	.00	.61	7.88
10- UP	2.73	1.62	1.36	.91	.76	.00	.76	8.33
TOTAL	13.03	8.03	5.15	3.79	1.21	.15	5.15	36.52

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.73	3.18	1.21	.45	.15	.00	3.33	21.06
5 TO 9	3.18	.61	.45	.15	.00	.00	1.67	6.06
10- UP	5.76	3.18	.00	.00	.00	.00	2.58	11.52
TOTAL	21.67	6.97	1.67	.61	.15	.00	7.58	38.64

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 15 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.30	2.73	1.06	.30	.15	.00	5.76	20.30
5 TO 9	2.06	1.36	.91	.45	.00	.00	.45	6.06
10- UP	.61	2.27	1.97	.30	.15	.00	.45	5.76
TOTAL	13.79	6.36	3.94	1.06	.30	.00	6.67	32.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.65	2.58	2.58	.76	.00	.00	2.58	18.33
5 TO 9	2.42	9.55	1.21	3.03	.91	.00	.00	17.12
10- UP	.15	4.70	4.55	1.36	.15	.00	.00	10.91
TOTAL	12.42	16.82	8.33	5.15	1.06	.00	2.58	46.36

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.33	4.39	1.21	.61	.45	.00	2.73	19.70
5 TO 9	2.88	1.67	2.42	1.67	.15	.15	.45	9.39
10- UP	2.73	2.42	1.36	.30	.91	.00	1.06	8.79
TOTAL	15.91	8.48	5.00	2.58	1.52	.15	4.24	37.88

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.61	3.03	1.82	.61	.15	.00	3.94	20.15
5 TO 9	4.24	.91	.15	.00	.00	.00	1.67	6.97
10- UP	5.00	3.64	.15	.00	.00	.00	4.39	13.18
TOTAL	19.85	7.58	2.12	.61	.15	.00	10.00	40.30

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TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 16 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.85	2.27	.91	.15	.15	.00	4.09	17.42	13.45	4.55	2.58	.45	.30	.00	1.62	19.85
5 TO 9	2.73	1.36	2.12	.76	.15	.00	.45	7.58	2.58	9.39	2.88	3.03	.33	.00	.00	18.18
10- UP	1.21	1.36	.91	.15	.00	.00	.30	3.94	.00	5.30	3.33	1.52	.15	.00	.00	10.30
TOTAL	13.79	5.00	3.94	1.06	.30	.00	4.85	28.94	13.03	19.24	8.79	5.00	.76	.00	1.62	48.33

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.09	4.70	.91	.76	.30	.00	2.58	18.33	13.30	4.09	1.52	.76	.00	.00	3.03	19.39
5 TO 9	3.18	1.21	3.33	1.82	.15	.00	.76	10.45	4.39	1.06	.00	.00	.00	.00	2.58	8.03
10- UP	3.03	1.21	1.52	.76	.15	.00	1.36	8.03	5.45	2.58	.00	.00	.00	.00	4.24	12.27
TOTAL	15.30	7.12	5.76	3.33	.61	.00	4.70	36.82	19.85	7.73	1.52	.76	.00	.00	9.85	39.70

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 17 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.30	4.55	1.06	.15	.00	.00	4.09	23.15	16.36	5.00	3.03	.30	.30	.00	1.36	26.36
5 TO 9	1.97	1.67	1.21	.15	.00	.00	.15	5.15	4.70	8.79	1.67	1.67	.15	.00	.00	16.97
10- UP	.30	1.52	.45	.00	.00	.00	.00	2.27	.15	3.79	3.48	.45	.15	.00	.00	8.03
TOTAL	12.58	7.73	2.73	.30	.00	.00	4.24	27.58	21.21	17.58	8.18	2.42	.61	.00	1.36	51.36

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.88	3.64	1.67	.61	.15	.00	2.27	21.21	11.06	3.48	.76	.15	.00	.00	5.15	20.61
5 TO 9	3.79	2.42	3.03	.91	.00	.00	.61	10.76	6.52	.76	.00	.00	.00	.00	2.73	10.00
10- UP	1.36	1.52	.30	.45	.15	.00	.91	4.70	5.30	2.12	.00	.00	.00	.00	3.64	11.06
TOTAL	18.03	7.58	5.00	1.97	.30	.00	3.79	36.67	22.88	6.36	.76	.15	.00	.00	11.52	41.67

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TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 18 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.15	5.15	.91	.15	.00	.00	3.64	20.00
5 TO 9	2.73	3.03	.61	.30	.00	.00	.15	6.82
10- UP	.91	.45	.00	.00	.00	.00	.15	1.52
TOTAL	13.79	8.64	1.52	.45	.00	.00	3.94	28.33

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.09	6.06	2.12	.30	.15	.00	1.21	28.94
5 TO 9	5.91	6.67	.45	1.06	.15	.00	.00	14.24
10- UP	.00	4.85	3.18	.30	.00	.00	.15	8.48
TOTAL	25.00	17.58	5.76	1.67	.30	.00	1.36	51.67

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.33	7.27	.30	.15	.00	.00	3.03	24.09
5 TO 9	4.24	2.12	2.73	.15	.00	.00	1.21	10.45
10- UP	1.67	.91	.61	.30	.00	.00	.45	3.94
TOTAL	19.24	10.30	3.64	.61	.00	.00	4.70	38.48

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.94	4.09	.61	.15	.00	.00	6.97	20.76
5 TO 9	6.97	.30	.00	.00	.00	.00	3.33	10.61
10- UP	5.76	1.82	.00	.00	.00	.00	2.42	10.00
TOTAL	21.67	6.21	.61	.15	.00	.00	12.73	41.36

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 19 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	4.70	1.52	.30	.15	.00	4.85	20.76
5 TO 9	4.09	2.42	.45	.15	.00	.00	.45	7.58
10- UP	.45	.45	.30	.00	.00	.00	.30	1.21
TOTAL	13.79	7.58	1.97	.45	.15	.00	5.61	29.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.24	7.12	1.06	.00	.00	.00	1.82	29.24
5 TO 9	5.00	4.85	.91	.91	.30	.00	.00	11.97
10- UP	.00	3.33	2.27	.45	.00	.00	.00	5.76
TOTAL	24.24	15.00	4.24	1.36	.30	.00	1.82	46.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.00	6.97	.61	.15	.00	.00	2.12	24.85
5 TO 9	4.85	2.88	1.21	.45	.00	.00	1.06	10.45
10- UP	1.67	.61	.61	.15	.30	.00	.61	3.94
TOTAL	21.52	10.45	2.42	.76	.30	.00	3.79	39.24

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.52	2.42	.30	.15	.00	.00	5.76	20.15
5 TO 9	6.52	.30	.00	.00	.00	.00	2.73	9.55
10- UP	3.94	1.36	.00	.00	.00	.00	1.97	7.27
TOTAL	21.97	4.09	.30	.15	.00	.00	10.45	36.97

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 20 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.58	5.45	.61	.30	.15	.00	6.67	25.76	16.97	6.52	.91	.00	.00	.15	2.58	27.12
5 TO 9	5.03	2.27	.76	.45	.00	.00	1.36	9.85	4.39	3.33	.61	.30	.15	.00	.00	8.79
10- UP	.45	.15	.00	.15	.00	.00	.00	.76	.15	3.94	1.52	.45	.00	.00	.00	6.06
TOTAL	18.03	7.88	1.36	.91	.15	.00	8.03	36.36	21.52	13.79	3.03	.76	.15	.15	2.58	41.97

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	20.61	7.88	.15	.15	.00	.00	3.03	31.82	10.15	1.52	.45	.00	.00	.00	5.76	17.88
5 TO 9	5.76	2.73	1.06	.00	.00	.00	1.36	10.91	5.15	.45	.00	.00	.00	.00	1.97	7.58
10- UP	1.67	.61	.45	.00	.30	.00	.15	3.18	3.79	1.52	.00	.00	.00	.00	1.67	6.97
TOTAL	28.03	11.21	1.67	.15	.30	.00	4.55	45.91	19.09	3.48	.45	.00	.00	.00	9.39	32.42

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 21 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.12	3.79	1.52	.45	.00	.00	6.36	24.24	21.67	6.36	1.06	.15	.00	.15	2.12	31.52
5 TO 9	6.21	1.06	.76	.30	.00	.00	1.82	10.15	3.33	3.69	.15	.00	.15	.00	.00	7.27
10- UP	.45	.15	.00	.00	.00	.00	.15	.76	.00	3.94	1.52	.45	.00	.00	.00	5.91
TOTAL	18.79	5.00	2.27	.76	.00	.00	8.33	35.15	25.00	13.94	2.73	.61	.15	.15	2.12	44.70

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	21.36	7.42	.00	.15	.00	.00	2.73	31.67	10.45	1.67	.30	.00	.00	.00	8.33	20.76
5 TO 9	4.85	2.73	.91	.00	.00	.00	1.06	9.55	4.09	.61	.15	.00	.00	.00	2.42	7.27
10- UP	1.36	1.36	.15	.30	.15	.00	.00	3.33	4.85	1.82	.00	.00	.00	.00	.61	7.27
TOTAL	27.58	11.52	1.06	.45	.15	.00	3.79	44.55	19.39	4.09	.45	.00	.00	.00	11.36	35.30

TABLE 11.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 22 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.03	9.39	1.21	.45	.00	.00	6.97	26.06
5 TO 9	4.70	1.67	.76	.15	.00	.00	2.42	9.70
10- UP	.30	.76	.00	.00	.00	.00	.00	1.06
TOTAL	18.03	6.82	1.97	.61	.00	.00	9.39	36.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.18	6.36	1.82	.00	.00	.00	.91	32.27
5 TO 9	3.18	2.73	.61	.45	.00	.00	.00	6.97
10- UP	.00	2.58	1.97	.30	.15	.15	.00	5.15
TOTAL	26.36	11.67	4.39	.76	.15	.15	.91	44.39

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	25.61	7.58	.15	.15	.00	.00	4.09	37.58
5 TO 9	4.39	1.52	2.42	.00	.00	.00	1.52	9.85
10- UP	1.36	2.12	.15	.00	.00	.15	.15	3.94
TOTAL	31.36	11.21	2.73	.15	.00	.15	5.76	51.36

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.03	2.27	.00	.30	.00	.00	8.33	18.94
5 TO 9	2.73	.45	.00	.00	.00	.00	1.97	5.15
10- UP	3.03	1.82	.00	.00	.00	.00	.91	5.76
TOTAL	13.79	4.55	.00	.30	.00	.00	11.21	29.85

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 23 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.18	3.33	.76	.30	.15	.00	5.00	22.73
5 TO 9	5.00	1.97	.91	.45	.00	.00	1.21	9.55
10- UP	.15	.76	.15	.00	.00	.00	.15	1.21
TOTAL	18.33	6.06	1.82	.76	.15	.00	6.36	33.48

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	25.45	5.61	1.06	.00	.00	.00	1.67	33.79
5 TO 9	4.85	1.67	.30	.61	.00	.00	.30	7.73
10- UP	.00	3.18	1.21	.30	.00	.00	.00	4.70
TOTAL	30.30	10.45	2.58	.91	.00	.00	1.97	46.21

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.52	6.21	.15	.15	.15	.30	3.94	32.12
5 TO 9	5.03	2.27	1.36	.00	.00	.00	1.06	10.00
10- UP	1.82	1.06	.61	.00	.00	.00	.45	3.94
TOTAL	28.64	9.55	2.12	.15	.15	.00	5.45	46.06

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.70	.91	.00	.15	.00	.00	9.85	20.61
5 TO 9	4.85	.30	.00	.00	.00	.00	2.12	7.27
10- UP	3.48	1.52	.00	.00	.00	.00	.61	5.61
TOTAL	16.03	2.73	.00	.15	.00	.00	12.58	33.48

TABLE 11.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF NOV.

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	24.33	11.48	12.85	16.25	43.79
03-05	23.57	11.43	12.14	15.87	43.40
06-08	23.82	11.99	11.84	16.42	43.62
09-11	22.05	11.03	11.03	15.06	41.21
12-14	23.57	12.39	11.18	18.09	35.47
15-17	20.03	9.41	10.62	13.33	36.08
18-20	23.37	13.15	10.22	19.15	32.63
21-23	24.43	11.73	12.70	18.07	36.22
00-23	23.15	11.58	11.57	16.49	38.83

*** RUNWAY 35 ***

PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
27.47	13.10	14.37	24.00	31.63
27.16	13.00	14.16	22.00	34.61
28.22	12.85	15.38	19.92	43.30
21.40	11.28	10.12	17.36	29.85
20.49	11.79	8.70	20.16	20.95
16.06	10.22	7.84	19.94	16.08
27.72	12.29	15.43	23.16	32.87
26.40	13.91	12.49	25.37	27.66
24.61	12.30	12.31	21.31	29.12

11.4A

*** RUNWAY 22 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	24.64	14.16	10.68	24.39	37.39
03-05	28.07	12.95	15.12	20.22	42.05
06-08	27.47	13.36	14.11	19.60	43.32
09-11	24.36	12.14	12.24	19.02	37.52
12-14	23.57	12.49	11.06	19.18	31.79
15-17	21.70	13.08	10.62	17.27	29.23
18-20	26.35	14.72	11.63	25.00	28.29
21-23	27.36	13.71	13.66	25.98	28.91
00-23	26.09	13.05	13.04	21.02	34.46

*** RUNWAY 4 ***

PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
26.86	12.90	13.96	19.16	42.72
26.61	13.45	13.15	20.03	40.06
25.59	11.99	13.61	17.10	45.52
22.56	11.89	10.67	16.50	38.16
24.68	13.76	10.93	22.11	28.92
22.56	11.79	10.77	19.85	26.53
27.16	12.04	15.12	19.10	40.90
25.14	12.75	12.39	19.00	37.63
25.15	12.57	12.58	19.03	37.03

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TABLE 11.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF NOV.

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	11.10	4.23	.93	16.26
03-05	11.73	3.56	.56	15.87
06-08	12.04	3.26	.62	16.42
09-11	10.43	3.66	.97	15.06
12-14	13.15	3.03	1.92	18.39
15-17	8.60	2.60	1.94	13.33
18-20	12.06	5.74	1.33	19.15
21-23	11.37	6.00	.70	18.07
00-23	11.57	4.61	1.12	16.49

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
19.65	3.61	.74	24.00
18.41	3.06	.51	22.00
17.33	1.88	.71	19.92
13.39	2.68	.99	17.06
13.06	5.19	1.90	20.16
12.34	5.73	1.88	19.94
18.21	4.58	.38	23.16
20.85	4.24	.28	25.37
16.60	3.79	.92	21.31

11.4B

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	18.99	4.53	.87	24.39
03-05	16.31	3.48	.32	20.22
06-08	16.35	3.00	.45	19.63
09-11	13.66	3.15	1.20	18.02
12-14	14.35	3.65	1.46	19.16
15-17	12.85	3.37	1.04	17.27
18-20	19.69	5.15	.26	25.00
21-23	21.26	4.41	.29	26.98
00-23	16.98	3.79	.75	21.02

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

>0 - 3	4 - 8	> 8	TOTAL
10.82	6.31	2.03	19.16
13.25	4.82	1.96	20.03
12.63	2.24	2.24	17.10
12.43	1.90	2.18	16.50
16.10	1.95	4.07	22.11
12.44	2.90	4.61	19.85
11.32	5.14	2.65	19.10
11.01	6.11	1.89	19.00
12.47	3.92	2.64	19.03

TABLE 11.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (NOVEMBER, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 11/42 - 11/67
MONTH OF RECORD - 11.
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	1.01	.39	2.81	2.06	2.38	.4119	517
1	1.67	.03	5.22	3.00	8.06	.5152	558
2	.43	-1.18	7.19	5.59	16.07	.3997	552
3	2.85	-1.12	7.98	7.22	14.73	.2554	529
4	4.98	-1.44	8.67	6.54	20.76	.2688	508
5	6.88	-2.06	9.90	10.60	21.21	.2022	482
6	6.79	-2.55	11.28	12.51	31.76	.2 25	469
7	11.07	-2.35	12.11	14.94	43.17	.2385	403
8	13.22	-2.57	13.40	16.64	49.22	.2180	395
9	15.03	-2.68	14.10	18.31	59.00	.2285	392
10	16.65	-2.65	14.85	18.66	78.04	.2616	389
11	18.44	-2.55	15.51	17.93	80.40	.2892	386
12	19.36	-1.68	15.19	16.70	64.72	.3346	396
13	19.55	-1.58	13.86	15.21	58.78	.2788	382
14	18.65	-1.28	12.28	13.28	51.94	.3187	376
15	16.46	-1.21	11.30	10.94	41.72	.3375	370
16	13.95	-1.52	9.46	8.96	24.64	.2906	357
17	11.19	-1.74	7.78	7.46	17.63	.3037	351
18	6.51	-1.48	7.10	5.96	11.76	.2689	344
19	5.69	-1.00	6.42	4.64	10.08	.3386	341
20	4.01	-1.25	5.90	4.09	7.04	.2916	333
21	3.07	-1.58	6.00	3.34	5.10	.2546	323
22	2.26	-1.67	6.37	3.21	2.70	.1317	314
23	2.45	-1.32	6.77	3.37	6.09	.2669	314
24	3.56	-1.27	7.94	3.47	6.71	.2472	297
25	4.78	-1.32	8.85	3.53	9.11	.2912	290
26	5.92	-1.18	9.77	3.92	12.40	.3323	284
27	5.31	-1.49	10.15	3.63	10.92	.2963	245

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

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DECEMBER

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TABLE 12.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF DEC.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	42.65	12.89	5.15	1.37	.39	.10	37.45	2040
03-05	39.07	11.67	4.85	1.27	.44	.00	42.70	2040
06-08	35.69	10.68	4.46	1.23	.44	.00	47.30	2040
09-11	26.57	11.32	7.50	2.50	.98	.00	51.13	2040
12-14	28.00	15.15	8.78	5.30	1.77	.39	48.61	2039
15-17	27.55	18.53	11.08	3.87	1.47	.25	37.25	2040
18-20	30.62	17.45	6.13	2.70	.39	.10	36.62	2040
21-23	44.90	14.90	6.03	1.62	.34	.25	31.96	2040
00-23	35.13	14.10	6.75	2.48	.78	.13	40.63	16319

12.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	39.26	9.66	2.01	.74	.20	.05	48.09	2040
03-05	34.56	8.58	1.91	.78	.25	.00	53.92	2040
06-08	34.17	7.99	2.50	.74	.15	.00	54.46	2040
09-11	32.84	9.56	2.89	1.57	.54	.00	52.60	2040
12-14	35.41	11.38	4.12	2.89	1.52	.15	44.63	2039
15-17	37.11	12.30	5.25	2.89	.74	.10	41.57	2040
18-20	39.31	12.11	2.75	1.18	.20	.25	44.22	2040
21-23	40.93	11.67	2.21	.74	.39	.25	43.82	2040
00-23	36.70	10.41	2.95	1.44	.50	.10	47.90	16319

12.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	35.64	7.65	1.57	.54	.15	.00	54.46	2040
03-05	32.06	6.57	1.42	.69	.20	.00	59.07	2040
06-08	31.08	6.23	2.01	.49	.15	.00	60.05	2040
09-11	28.48	8.43	2.75	.78	.44	.00	59.12	2040
12-14	33.06	10.84	2.94	1.96	1.18	.10	49.93	2039
15-17	34.41	11.72	4.66	1.27	.59	.10	47.25	2040
18-20	37.16	8.77	2.40	1.08	.15	.05	50.39	2040
21-23	37.84	8.97	2.01	.49	.29	.05	50.34	2040
00-23	33.72	8.65	2.47	.91	.39	.04	53.83	16319

12.1C

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TABLE 12.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF DEC.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	22.70	6.91	1.27	2040	28.43	5.93	5.05
03-05	19.90	5.69	1.23	2040	26.42	6.32	4.36
06-08	21.47	4.71	1.57	2040	23.04	4.61	4.75
09-11	19.95	5.64	2.30	2040	16.86	5.78	7.16
12-14	18.98	6.57	4.32	2039	17.41	9.51	9.27
15-17	21.18	5.98	3.33	2040	18.73	11.81	9.17
18-20	21.62	7.01	1.81	2040	24.75	10.78	5.39
21-23	23.68	6.57	1.23	2040	32.30	6.76	5.10
00-23	21.18	6.13	2.13	16319	23.49	7.69	6.28

12.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	26.57	8.14	3.33	2040	21.32	5.00	5.83
03-05	22.89	8.19	3.04	2040	19.95	4.46	5.34
06-08	23.63	6.67	2.89	2040	18.04	3.38	5.39
09-11	18.87	7.40	4.75	2040	16.52	3.09	7.01
12-14	15.89	7.31	9.76	2039	20.21	4.02	8.63
15-17	19.12	8.33	8.09	2040	19.02	5.64	9.75
18-20	24.56	9.36	4.22	2040	18.63	8.04	6.42
21-23	28.53	9.22	3.28	2040	22.55	6.37	5.64
00-23	22.51	8.08	4.92	16319	19.53	5.00	6.76

12.2B

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TABLE 12.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 0 NUMBER OBS. 680

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.21	3.38	.74	.29	.00	.15	4.56	21.32	23.68	3.53	1.03	.29	.00	.00	1.47	30.00
5 TO 9	4.56	1.32	1.18	.00	.00	.00	.88	7.94	3.24	1.76	.29	.59	.29	.00	.00	6.18
10- UP	.29	.29	.29	.15	.00	.00	.00	1.03	.00	2.50	2.21	.59	.00	.00	.15	5.44
TOTAL	17.06	5.00	2.21	.44	.00	.15	5.44	30.29	26.91	7.79	3.53	1.47	.29	.00	1.62	41.62

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	18.82	5.00	.00	.29	.00	.00	2.79	26.91	8.24	1.32	.15	.00	.00	.00	11.76	21.47
5 TO 9	4.65	1.32	1.62	.15	.00	.15	.59	8.68	2.79	.74	.00	.00	.00	.00	2.06	5.59
10- UP	1.16	.88	.29	.29	.15	.00	.44	3.24	2.79	1.18	.15	.15	.00	.00	1.62	5.88
TOTAL	24.85	7.21	1.91	.74	.15	.15	3.82	38.82	13.82	3.24	.29	.15	.00	.00	15.44	32.94

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 1 NUMBER OBS. 680

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.53	3.53	1.18	.15	.15	.15	4.85	23.53	20.74	2.94	.74	.15	.00	.00	1.91	26.47
5 TO 9	2.65	2.06	.44	.29	.00	.00	.88	6.32	3.38	1.62	.29	.74	.15	.00	.15	6.32
10- UP	.29	.59	.29	.00	.00	.00	.15	1.32	.15	2.50	1.47	.44	.00	.00	.00	4.56
TOTAL	16.47	6.18	1.91	.44	.15	.15	5.88	31.18	24.26	7.06	2.50	1.32	.15	.00	2.06	37.35

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	19.41	3.53	.59	.15	.15	.00	2.50	26.32	8.53	1.62	.15	.00	.00	.00	9.56	19.85
5 TO 9	3.97	1.47	.88	.29	.00	.00	1.47	8.09	4.12	.29	.00	.00	.00	.00	1.18	5.59
10- UP	1.62	.74	.29	.29	.15	.00	.15	3.24	3.09	.88	.00	.00	.00	.00	1.32	5.29
TOTAL	25.00	5.74	1.76	.74	.29	.00	4.12	37.65	15.74	2.79	.15	.00	.00	.00	12.06	30.74

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TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 2 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.82	2.79	1.47	.00	.15	.00	5.00	23.29
5 TO 9	3.97	1.62	.29	.00	.00	.00	.59	6.47
10- UP	.59	.74	.15	.00	.00	.00	1.47	3.38
TOTAL	18.38	5.15	1.91	.00	.15	.00	5.59	31.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.50	2.94	.74	.15	.15	.00	2.35	28.82
5 TO 9	2.06	2.35	.44	.15	.29	.00	.00	5.29
10- UP	.29	2.35	2.21	.29	.00	.00	.00	5.15
TOTAL	24.85	7.65	3.38	.59	.44	.00	2.35	39.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.68	3.53	.44	.15	.00	.00	3.68	26.47
5 TO 9	3.38	2.35	1.16	.00	.00	.00	.74	7.65
10- UP	1.18	1.18	.15	.44	.15	.00	.44	3.53
TOTAL	23.24	7.06	1.76	.59	.15	.00	4.85	37.65

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.97	1.18	.15	.00	.00	.00	12.35	22.65
5 TO 9	2.35	.29	.00	.00	.00	.00	1.18	3.82
10- UP	3.82	1.47	.00	.00	.00	.00	1.03	6.32
TOTAL	15.15	2.94	.15	.00	.00	.00	14.56	32.79

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 3 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.62	1.47	1.03	.59	.00	.00	3.24	17.94
5 TO 9	3.82	2.50	.15	.15	.00	.00	.15	6.76
10- UP	.15	.29	.44	.00	.00	.00	.29	1.18
TOTAL	15.59	4.26	1.62	.74	.00	.00	3.68	25.88

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.53	2.06	1.32	.29	.15	.00	2.21	29.56
5 TO 9	2.50	2.94	.59	.50	.15	.00	.00	6.76
10- UP	.29	1.62	1.91	.00	.15	.00	.15	4.12
TOTAL	26.32	6.62	3.82	.88	.44	.00	2.35	40.44

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.00	3.09	.29	.00	.15	.00	3.82	22.35
5 TO 9	4.41	1.76	1.76	.29	.00	.00	.88	9.12
10- UP	.59	1.32	.29	.59	.00	.00	.44	3.24
TOTAL	20.00	6.18	2.35	.88	.15	.00	5.15	34.71

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.94	1.03	.29	.00	.00	.00	12.50	21.76
5 TO 9	3.09	.44	.00	.00	.00	.00	1.47	5.00
10- UP	2.65	1.18	.00	.00	.00	.00	1.03	4.85
TOTAL	13.68	2.65	.29	.00	.00	.00	15.00	31.62

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TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 4 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.62	3.38	.59	.15	.00	.00	3.38	19.12
5 TO 9	2.50	1.76	.29	.29	.00	.00	.44	5.29
10- UP	.15	.59	.44	.00	.00	.00	.29	1.47
TOTAL	14.26	5.74	1.32	.44	.00	.00	4.12	26.88

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.59	1.47	1.47	.29	.00	.00	2.21	26.03
5 TO 9	2.36	2.79	.29	.15	.44	.00	.15	6.18
10- UP	.29	2.21	2.06	.00	.15	.00	.00	4.71
TOTAL	23.24	6.47	3.82	.44	.59	.00	2.35	36.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.76	2.65	.00	.29	.00	.00	3.68	23.38
5 TO 9	3.97	1.18	1.16	.15	.00	.00	1.03	7.50
10- UP	1.18	.44	.15	.44	.29	.00	.29	2.79
TOTAL	21.91	4.26	1.32	.88	.29	.00	5.00	33.68

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.03	1.91	.15	.00	.00	.00	10.59	18.68
5 TO 9	2.65	.29	.00	.15	.00	.00	1.62	4.71
10- UP	3.24	1.76	.00	.00	.00	.00	.74	5.74
TOTAL	11.91	3.97	.15	.15	.00	.00	12.94	29.12

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 5 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.82	3.09	1.03	.15	.03	.00	4.56	22.65
5 TO 9	3.09	1.47	.15	.00	.00	.00	.29	5.00
10- UP	.29	.29	.00	.15	.00	.00	.29	1.03
TOTAL	17.21	4.85	1.18	.29	.00	.08	5.15	28.68

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.09	2.50	.88	.29	.00	.00	1.91	23.68
5 TO 9	2.65	1.91	.59	.44	.29	.00	.15	6.03
10- UP	.00	2.65	1.32	.29	.00	.00	.00	4.26
TOTAL	20.74	7.06	2.79	1.03	.29	.00	2.06	33.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.88	3.24	.44	.00	.00	.00	3.38	22.94
5 TO 9	4.56	1.47	1.03	.15	.00	.00	.74	7.94
10- UP	1.47	.59	.15	.29	.29	.00	.29	3.09
TOTAL	21.91	5.29	1.62	.44	.29	.00	4.41	33.97

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.82	1.76	.00	.00	.00	.00	8.82	19.41
5 TO 9	2.50	.00	.00	.00	.00	.00	1.18	3.68
10- UP	2.94	1.62	.00	.00	.00	.00	.88	5.44
TOTAL	14.26	3.38	.00	.00	.00	.00	10.88	28.53

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TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 6 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.82	2.06	1.18	.15	.29	.00	3.38	20.88
5 TO 9	2.35	1.03	.00	.00	.00	.00	.15	3.53
10- UP	.29	.59	.59	.00	.00	.00	.00	1.47
TOTAL	16.47	3.68	1.76	.15	.29	.00	3.53	25.88

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.53	2.21	1.47	.29	.00	.00	2.79	25.29
5 TO 9	1.76	2.06	.29	.29	.29	.00	.29	5.00
10- UP	.29	2.35	1.91	.15	.00	.00	.00	4.71
TOTAL	20.59	6.62	3.68	.74	.29	.00	3.09	35.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.06	2.50	.00	.29	.00	.00	3.82	23.68
5 TO 9	2.65	1.32	1.62	.00	.00	.00	.59	6.18
10- UP	1.47	.44	.74	.00	.29	.00	.29	3.24
TOTAL	21.18	4.26	2.35	.29	.29	.00	4.71	33.09

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.79	1.32	.15	.00	.00	.00	8.68	17.94
5 TO 9	2.50	.15	.00	.00	.00	.00	1.47	4.12
10- UP	3.38	1.03	.15	.00	.00	.00	1.18	5.74
TOTAL	13.68	2.50	.29	.00	.00	.00	11.32	27.79

EDWARDS AFB T ILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 7 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.71	2.35	.74	.29	.00	.00	4.71	22.79
5 TO 9	2.50	1.32	.15	.15	.15	.00	.88	5.15
10- UP	.15	.74	.29	.00	.00	.00	.29	1.47
TOTAL	17.35	4.41	1.18	.44	.15	.00	5.88	29.41

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.97	2.50	1.18	.15	.15	.00	1.62	24.56
5 TO 9	2.06	1.91	.15	.59	.00	.00	.88	4.71
10- UP	.29	2.65	1.91	.00	.00	.00	.00	4.85
TOTAL	21.32	7.06	3.24	.74	.15	.00	1.62	34.12

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.35	3.09	.59	.15	.00	.00	3.82	25.00
5 TO 9	3.09	.88	1.18	.59	.00	.00	.59	6.32
10- UP	.88	1.18	.15	.29	.00	.00	.15	2.65
TOTAL	21.32	5.15	1.91	1.03	.00	.00	4.56	33.97

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.82	1.91	.00	.00	.00	.00	9.41	20.15
5 TO 9	2.35	.44	.15	.00	.00	.00	.88	3.82
10- UP	2.94	1.62	.00	.00	.00	.00	.74	5.29
TOTAL	14.12	3.97	.15	.00	.00	.00	11.03	29.26

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TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 8 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.24	2.06	.29	.59	.00	.00	4.56	20.74
5 TO 9	2.65	1.62	.29	.29	.15	.00	.44	5.44
10- UP	.29	.88	.15	.00	.00	.00	.44	1.76
TOTAL	16.18	4.56	.74	.88	.15	.00	5.44	27.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.12	1.76	.88	.00	.15	.00	2.35	19.26
5 TO 9	1.32	1.47	.44	.74	.15	.00	.00	4.12
10- UP	.15	3.09	1.47	.00	.00	.00	.00	4.71
TOTAL	15.59	6.32	2.79	.74	.29	.00	2.35	28.09

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.15	2.50	.44	.15	.00	.00	3.97	22.21
5 TO 9	2.21	1.91	1.32	.44	.00	.00	1.62	7.50
10- UP	1.03	.74	.74	.15	.15	.00	.00	2.79
TOTAL	18.38	5.15	2.50	.74	.15	.00	5.59	32.50

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.15	1.03	.15	.00	.00	.00	4.71	16.03
5 TO 9	1.18	.29	.15	.00	.00	.00	.59	2.21
10- UP	2.50	1.62	.00	.15	.00	.00	.88	5.15
TOTAL	13.82	2.94	.29	.15	.00	.00	6.18	23.38

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 9 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.47	2.50	.88	.00	.00	.00	5.44	20.29
5 TO 9	2.65	1.32	.29	.15	.00	.00	.29	4.71
10- UP	.29	.59	.44	.15	.00	.00	.44	1.91
TOTAL	14.41	4.41	1.62	.29	.00	.00	6.18	26.91

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.62	1.03	1.47	.29	.44	.00	2.35	17.21
5 TO 9	1.62	1.03	.15	1.03	.15	.00	.29	4.26
10- UP	.29	2.79	2.36	.74	.15	.00	.15	6.47
TOTAL	13.53	4.85	3.97	2.06	.74	.00	2.79	27.94

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.09	1.91	.15	.29	.00	.00	3.38	18.82
5 TO 9	3.68	1.62	1.47	.44	.00	.00	.74	7.94
10- UP	1.03	.88	.44	.44	.15	.00	.44	3.38
TOTAL	17.79	4.41	2.06	1.18	.15	.00	4.56	30.15

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.18	1.03	.00	.00	.00	.00	3.53	15.74
5 TO 9	1.62	.44	.00	.00	.00	.00	.29	2.35
10- UP	2.21	2.65	.00	.00	.15	.00	1.47	6.47
TOTAL	15.00	4.12	.00	.00	.15	.00	5.29	24.56

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 10 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.82	3.82	.59	.00	.15	.00	6.32	19.71
5 TO 9	3.53	1.18	1.03	.29	.29	.00	.44	6.76
10- UP	.44	.74	.74	.00	.00	.00	.00	1.91
TOTAL	12.79	5.74	2.35	.29	.44	.00	6.76	28.38

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.32	1.91	1.03	.29	.00	.00	1.76	16.32
5 TO 9	1.18	2.06	.74	1.03	.44	.00	.44	5.88
10- UP	.29	2.06	3.53	.88	.00	.00	.00	6.76
TOTAL	12.79	6.03	5.29	2.21	.44	.00	2.21	28.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.79	2.21	.88	.44	.00	.00	3.24	19.56
5 TO 9	3.82	1.03	1.62	.74	.00	.00	1.03	8.24
10- UP	1.47	.88	.44	.29	.29	.00	.88	4.26
TOTAL	18.09	4.12	2.94	1.47	.29	.00	5.15	32.06

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.44	2.35	.00	.15	.00	.00	2.94	15.88
5 TO 9	1.47	.44	.44	.00	.00	.00	.44	2.79
10- UP	2.79	2.21	.15	.15	.00	.00	1.32	6.62
TOTAL	14.71	5.00	.59	.29	.00	.00	4.71	25.29

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 11 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.12	3.38	1.32	.44	.20	.08	5.29	19.85
5 TO 9	2.06	1.32	1.18	.44	.00	.00	.44	5.44
10- UP	.44	1.76	.44	.44	.00	.00	.00	3.07
TOTAL	11.62	6.47	2.94	1.32	.29	.00	5.74	28.38

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.35	1.18	.59	.15	.15	.00	2.65	17.06
5 TO 9	2.06	2.65	1.32	.44	.74	.30	.00	7.21
10- UP	.15	2.65	4.56	.74	.15	.00	.00	8.24
TOTAL	14.56	6.47	6.47	1.32	1.03	.00	2.65	32.50

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.62	1.76	1.03	1.18	.15	.00	2.50	18.24
5 TO 9	1.91	1.62	1.03	.29	.15	.00	1.03	6.03
10- UP	2.65	1.76	.59	.15	.74	.00	.74	6.62
TOTAL	16.18	5.15	2.65	1.62	1.03	.00	4.26	30.88

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.76	1.76	.29	.15	.00	.00	3.97	17.94
5 TO 9	1.91	.74	.15	.00	.00	.00	1.32	4.12
10- UP	3.09	3.38	.00	.00	.00	.00	1.47	7.94
TOTAL	16.76	5.88	.44	.15	.00	.00	6.76	30.00

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 12 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.26	3.68	.44	.44	.29	.00	5.00	19.12
5 TO 9	2.94	1.91	1.47	.74	.00	.00	.15	7.21
10- UP	.88	2.21	.59	.74	.00	.00	.00	4.41
TOTAL	13.09	7.79	2.50	1.91	.29	.00	5.15	30.74

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.32	1.18	.74	.15	.00	.15	1.76	15.29
5 TO 9	1.76	2.79	.44	1.18	1.32	.29	.00	7.79
10- UP	.44	2.06	4.12	1.18	.15	.00	.00	7.94
TOTAL	13.53	6.03	5.29	2.50	1.47	.44	1.76	31.03

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.97	1.62	.59	1.32	.00	.00	2.35	14.85
5 TO 9	3.38	1.03	1.16	.88	.00	.00	.59	7.06
10- UP	3.68	1.91	.59	.44	1.62	.00	1.32	9.56
TOTAL	16.03	4.56	2.35	2.65	1.62	.00	4.26	31.47

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.65	3.82	.44	.00	.00	.00	2.79	19.71
5 TO 9	1.76	.44	.00	.00	.00	.00	.74	2.94
10- UP	3.53	1.76	.44	.00	.00	.00	1.62	7.35
TOTAL	17.94	6.03	.88	.00	.00	.00	5.15	30.00

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 13 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.00	3.68	1.03	.29	.29	.00	3.53	18.82
5 TO 9	3.24	1.62	.88	.74	.00	.00	.44	6.91
10- UP	.88	1.18	.88	.74	.15	.00	.00	3.82
TOTAL	14.12	6.47	2.79	1.76	.44	.00	3.97	29.56

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.06	2.21	.88	.59	.44	.00	2.65	18.82
5 TO 9	2.50	4.12	.88	1.32	.59	.29	.00	9.71
10- UP	.15	2.79	4.26	1.62	.15	.15	.00	9.12
TOTAL	14.71	9.12	6.03	3.53	1.18	.44	2.65	37.65

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.12	2.65	1.18	1.03	.29	.00	2.21	16.47
5 TO 9	3.82	1.47	1.62	1.03	.00	.00	.29	8.29
10- UP	3.38	1.76	.44	1.03	1.03	.15	1.32	9.12
TOTAL	16.32	5.88	3.24	3.09	1.32	.15	3.82	33.82

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.68	2.65	.44	.00	.00	.00	3.38	20.15
5 TO 9	2.79	.29	.00	.00	.00	.00	.88	4.41
10- UP	3.82	2.06	.15	.15	.00	.00	2.50	8.68
TOTAL	20.29	5.44	.59	.15	.00	.00	6.76	33.24

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 14 NUMBER OBS. 679

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.19	2.06	1.18	.44	.59	.00	3.53	19.00	11.78	2.80	.59	1.18	.00	.15	1.62	18.11
5 TO 9	2.50	1.03	1.18	.44	.00	.00	.44	5.60	1.91	5.60	.74	1.77	.88	.00	.15	11.05
10- UP	1.33	1.33	1.16	.74	.15	.00	.00	4.71	.44	3.39	4.86	1.62	.29	.15	.00	10.75
TOTAL	15.02	4.42	3.53	1.62	.74	.00	3.96	29.31	14.14	11.78	6.19	4.57	1.18	.29	1.77	39.91

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.13	3.53	1.03	.74	.59	.00	1.33	16.35	14.43	2.36	.74	.29	.00	.00	2.95	20.77
5 TO 9	2.65	.59	1.77	1.03	.00	.15	.44	6.63	3.39	.15	.15	.00	.00	.00	1.03	4.71
10- UP	2.65	2.06	1.62	.74	1.03	.15	2.36	10.60	3.39	3.53	.00	.00	.00	.00	2.95	9.87
TOTAL	14.43	6.19	4.42	2.50	1.62	.29	4.12	33.58	21.21	6.04	.88	.29	.00	.00	6.92	35.35

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 15 NUMBER OBS. 680

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.62	2.50	.88	1.03	.44	.08	4.12	20.59	10.44	3.53	.59	.44	.59	.08	2.21	17.79
5 TO 9	2.94	.86	2.06	.29	.15	.00	.15	6.47	1.47	6.32	1.47	1.18	.88	.15	.15	11.62
10- UP	.88	2.35	.88	.29	.00	.00	.00	4.41	.00	2.94	6.03	1.32	.29	.00	.15	10.74
TOTAL	15.44	5.74	3.82	1.62	.59	.08	4.26	31.47	11.91	12.79	8.09	2.94	1.76	.15	2.50	40.15

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.71	4.26	1.62	1.47	.29	.00	2.21	19.56	13.68	2.50	.88	.29	.15	.00	2.79	20.29
5 TO 9	2.65	.59	1.47	1.03	.29	.08	.15	6.16	3.24	.74	.15	.00	.00	.08	.88	5.08
10- UP	3.38	1.91	1.32	1.32	.74	.08	1.47	10.15	5.15	2.06	.00	.00	.00	.00	2.94	10.15
TOTAL	15.74	6.76	4.41	3.82	1.32	.00	3.82	35.88	22.06	5.29	1.03	.29	.15	.00	6.62	35.44

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TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 16 NUMBER OBS. 680

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.56	1.91	2.06	.74	.74	.00	4.85	19.85	12.94	3.38	1.32	.44	.00	.00	1.62	19.71
5 TO 9	2.36	1.62	1.32	.00	.00	.00	.29	5.59	1.76	7.50	2.06	1.62	.44	.15	.00	13.53
10- UP	.59	1.47	1.47	.29	.00	.00	.00	3.82	.29	3.38	3.38	.74	.15	.29	.00	8.24
TOTAL	12.50	5.00	4.85	1.03	.74	.00	5.15	29.26	15.00	14.26	6.76	2.79	.59	.44	1.62	41.47

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.97	3.68	1.47	1.03	.00	.00	3.09	18.24	11.76	2.94	.29	.00	.00	.00	4.12	19.12
5 TO 9	2.06	2.94	2.35	1.03	.00	.15	.29	8.82	4.12	.00	.00	.00	.00	.00	1.76	5.88
10- UP	3.24	1.32	1.47	.29	.59	.15	1.91	8.97	4.12	2.94	.00	.15	.00	.00	2.21	9.41
TOTAL	14.26	7.94	5.29	2.35	.59	.29	5.29	36.03	20.00	5.88	.29	.15	.00	.00	8.09	34.41

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 17 NUMBER OBS. 680

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.74	3.24	2.35	.59	.15	.08	6.03	23.09	11.03	3.24	2.06	.15	.15	.00	2.06	18.68
5 TO 9	2.94	2.50	.29	.15	.00	.00	.00	5.88	3.24	4.12	1.18	1.32	.29	.15	.00	10.29
10- UP	.15	1.03	.29	.29	.00	.00	.00	1.76	.15	3.82	3.68	.74	.15	.00	.00	8.53
TOTAL	13.82	6.76	2.94	1.03	.15	.00	6.03	30.74	14.41	11.18	6.91	2.21	.59	.15	2.06	37.50

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.35	3.38	.74	.88	.00	.00	2.21	19.56	12.50	2.06	.59	.15	.00	.00	2.35	17.65
5 TO 9	4.12	1.76	2.65	.44	.00	.00	1.03	10.00	3.97	.44	.15	.00	.00	.00	1.47	6.03
10- UP	1.91	1.47	.59	.59	.29	.00	.29	5.15	4.41	1.91	.00	.00	.00	.00	3.38	9.71
TOTAL	18.38	6.62	3.97	1.91	.29	.00	3.53	34.71	20.88	4.41	.74	.15	.00	.00	7.21	33.38

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TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 18 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.18	3.68	.59	.44	.15	.00	4.71	20.74
5 TO 9	2.94	2.06	.29	.59	.00	.00	.44	6.32
10- UP	.03	.88	.44	.15	.00	.00	.29	1.76
TOTAL	14.12	6.62	1.32	1.18	.15	.00	5.44	28.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.50	4.41	1.18	.29	.15	.00	1.76	25.29
5 TO 9	4.56	5.15	.59	1.91	.15	.00	.00	12.35
10- UP	.15	1.76	3.97	.15	.00	.00	.00	6.03
TOTAL	22.21	11.32	5.74	2.35	.29	.00	1.76	43.68

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.65	5.74	.15	.29	.00	.15	3.82	25.00
5 TO 9	3.82	1.62	1.91	1.03	.00	.00	1.32	9.71
10- UP	1.47	1.18	.74	.44	.00	.00	.29	4.12
TOTAL	20.16	6.53	2.79	1.76	.00	.15	5.44	36.82

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.09	2.06	.15	.15	.00	.00	6.91	17.35
5 TO 9	6.76	.44	.00	.15	.00	.00	1.91	9.26
10- UP	3.53	1.18	.00	.00	.00	.00	2.06	6.76
TOTAL	18.38	3.68	.15	.29	.00	.00	10.88	33.38

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 19 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.29	3.82	1.32	.44	.00	.08	3.97	19.85
5 TO 9	3.68	1.91	.29	.15	.00	.00	.88	6.91
10- UP	.44	.88	.44	.15	.00	.00	.15	2.06
TOTAL	14.41	6.62	2.06	.74	.00	.00	5.00	28.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.06	4.12	1.62	.00	.29	.00	1.62	24.71
5 TO 9	3.24	5.59	.44	1.03	.29	.00	.15	10.74
10- UP	.15	1.76	2.35	.44	.00	.00	.00	4.71
TOTAL	20.44	11.47	4.41	1.47	.59	.00	1.76	40.15

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.09	5.00	.29	.29	.00	.15	3.38	22.21
5 TO 9	4.26	1.47	2.06	.29	.15	.00	1.62	9.85
10- UP	1.47	1.32	.44	.29	.29	.15	.29	4.26
TOTAL	18.82	7.79	2.79	.88	.44	.29	5.29	36.32

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.97	2.65	.15	.00	.00	.00	6.62	18.38
5 TO 9	4.71	.59	.15	.00	.00	.00	2.50	7.94
10- UP	3.97	.59	.15	.00	.00	.00	1.47	6.18
TOTAL	17.65	3.82	.44	.00	.00	.00	10.59	32.50

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 20 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.53	4.71	.74	.59	.00	.00	4.71	24.26
5 TO 9	3.53	1.76	.74	.29	.00	.00	1.47	7.79
10- UP	.59	.59	.29	.00	.00	.00	.15	1.62
TOTAL	17.65	7.06	1.76	.88	.00	.00	6.32	33.68

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.91	3.68	.44	.00	.00	.15	3.09	24.26
5 TO 9	4.26	3.53	.29	.88	.15	.00	.15	9.26
10- UP	.15	2.21	2.35	.59	.00	.15	.00	5.44
TOTAL	21.32	9.41	3.09	1.47	.15	.29	3.24	38.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.38	4.56	.29	.15	.00	.15	2.94	26.47
5 TO 9	3.97	2.35	.74	.29	.00	.00	1.18	8.53
10- UP	1.47	1.32	.59	.15	.15	.15	.44	4.26
TOTAL	23.82	8.24	1.62	.59	.15	.29	4.56	39.26

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.44	2.50	.29	.00	.00	.00	6.91	20.15
5 TO 9	5.00	.44	.00	.00	.00	.00	1.47	6.91
10- UP	3.68	1.32	.15	.00	.00	.00	1.18	6.32
TOTAL	19.12	4.26	.44	.00	.00	.00	9.56	33.38

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 21 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.06	6.47	1.76	.29	.00	.15	5.00	25.74
5 TO 9	2.94	1.03	.44	.15	.00	.00	1.03	5.59
10- UP	.29	.44	.29	.00	.00	.00	.15	1.18
TOTAL	15.29	7.94	2.50	.44	.00	.15	6.18	32.50

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.24	3.82	1.32	.15	.00	.00	1.91	30.44
5 TO 9	3.09	2.79	.59	.44	.00	.00	.15	7.06
10- UP	.00	2.21	2.94	.15	.00	.00	.15	5.44
TOTAL	26.32	8.82	4.85	.74	.00	.00	2.21	42.94

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.12	4.85	.59	.00	.15	.00	3.38	28.09
5 TO 9	4.71	2.94	.88	.29	.00	.00	.88	9.71
10- UP	1.62	.88	.29	.15	.00	.15	.00	3.09
TOTAL	25.44	8.68	1.76	.44	.15	.15	4.26	40.88

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.09	3.24	.29	.00	.00	.00	9.85	21.47
5 TO 9	3.68	.59	.00	.00	.00	.00	2.50	6.76
10- UP	3.38	1.76	.00	.00	.00	.00	1.18	6.32
TOTAL	15.15	5.59	.29	.00	.00	.00	13.53	34.56

TABLE 12.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 22 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.50	4.85	1.32	.15	.00	.15	4.56	23.53
5 TO 9	4.85	1.03	.15	.44	.00	.00	1.03	7.50
10- UP	.44	.44	.29	.00	.00	.00	.15	1.32
TOTAL	17.79	6.32	1.76	.59	.00	.15	5.74	32.35

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	25.29	3.53	1.47	.29	.00	.00	2.06	32.65
5 TO 9	3.09	2.21	.44	.44	.29	.15	.15	6.76
10- UP	.15	1.76	2.35	.59	.00	.00	.00	4.85
TOTAL	28.53	7.50	4.26	1.32	.29	.15	2.21	44.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.74	5.29	.15	.00	.00	.15	2.79	29.12
5 TO 9	5.15	1.76	1.32	.29	.00	.00	.74	9.26
10- UP	1.76	.74	.44	.15	.44	.00	.29	3.82
TOTAL	27.65	7.79	1.91	.44	.44	.15	3.82	42.21

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.41	1.62	.15	.00	.00	.00	11.32	22.50
5 TO 9	3.82	.15	.00	.00	.00	.00	2.21	6.18
10- UP	2.50	1.32	.29	.00	.00	.00	1.62	5.74
TOTAL	15.74	3.09	.44	.00	.00	.00	15.15	34.41

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 23 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.50	3.68	.59	.15	.29	.15	4.41	21.76
5 TO 9	3.58	2.21	.15	.15	.00	.00	.44	6.62
10- UP	.44	.44	.29	.00	.00	.00	.00	1.18
TOTAL	16.62	6.32	1.03	.29	.29	.15	4.85	29.56

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	27.65	3.97	.59	.29	.15	.00	1.18	33.82
5 TO 9	2.50	1.91	.59	.88	.44	.00	.15	6.47
10- UP	.00	1.91	2.50	.29	.00	.15	.15	5.00
TOTAL	30.15	7.79	3.68	1.47	.59	.15	1.47	45.29

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.56	4.41	.29	.15	.15	.00	3.82	28.38
5 TO 9	3.53	1.62	1.32	.44	.00	.15	1.62	8.68
10- UP	.44	.88	.15	.44	.44	.29	.29	2.94
TOTAL	23.53	6.91	1.76	1.03	.59	.44	5.74	40.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.12	1.62	.15	.29	.00	.00	12.61	23.68
5 TO 9	3.38	.59	.00	.00	.00	.00	2.21	6.18
10- UP	2.79	.74	.29	.00	.00	.00	1.03	4.85
TOTAL	15.29	2.94	.44	.29	.00	.00	15.74	34.71

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TABLE 12.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF DEC.

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	23.91	12.22	11.68	17.70	37.78
03-05	20.86	10.01	10.85	13.69	40.40
06-08	23.91	11.83	12.08	16.38	43.46
09-11	21.94	11.05	10.90	15.33	39.02
12-14	19.83	10.06	9.77	14.36	32.68
15-17	19.44	9.97	9.47	14.35	31.03
18-20	23.96	12.47	11.49	17.94	37.68
21-23	23.17	10.90	12.27	15.91	38.94
00-23	22.13	11.06	11.06	15.69	37.62

*** RUNWAY 35 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
26.80	12.37	14.43	20.42	36.61
26.90	12.57	14.33	20.00	38.57
27.59	12.81	14.78	18.97	45.64
20.23	10.85	9.38	15.45	31.47
18.90	10.70	8.20	16.80	22.60
16.94	8.05	8.89	13.37	22.35
24.40	12.42	11.98	21.01	29.29
27.00	14.58	12.42	26.17	28.11
23.59	11.79	11.80	18.87	31.47

12.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	27.49	13.35	14.14	21.57	37.11
03-05	25.09	11.93	13.16	18.12	38.51
06-08	28.77	14.14	14.63	21.18	44.02
09-11	23.32	11.39	11.93	16.52	38.39
12-14	20.03	10.46	9.57	15.60	29.02
15-17	19.83	10.11	9.72	15.70	27.31
18-20	25.82	13.65	12.17	22.05	31.96
21-23	27.49	13.89	13.60	23.56	33.13
00-23	24.73	12.36	12.36	19.18	34.80

*** RUNWAY 4 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
26.41	12.86	13.55	18.96	42.14
26.26	12.42	13.84	17.69	46.46
27.15	12.71	14.43	17.38	53.75
20.27	11.24	9.03	15.32	33.95
20.47	11.14	9.33	16.62	28.32
20.91	10.11	10.80	15.43	31.34
26.02	13.01	13.01	19.46	39.26
27.34	13.89	13.45	21.25	38.87
24.36	12.17	12.18	17.73	38.89

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TABLE 12.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF DEC.

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	13.36	3.55	.78	17.70
03-05	10.47	2.42	.81	13.69
06-08	11.83	3.26	1.29	16.38
09-11	11.51	3.00	.82	15.33
12-14	10.22	2.87	1.26	14.36
15-17	10.60	2.61	1.13	14.35
18-20	12.64	4.31	.99	17.94
21-23	9.68	5.30	.93	15.91
00-23	11.29	3.40	1.00	15.69

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	17.18	2.35	.89	20.42
03-05	17.03	2.50	.47	20.00
06-08	15.70	2.40	.87	18.97
09-11	12.03	2.38	1.05	15.45
12-14	11.56	3.62	1.62	16.80
15-17	9.05	3.75	.57	13.37
18-20	16.11	4.24	.66	21.01
21-23	21.46	3.69	.97	26.12
00-23	14.89	3.08	.89	18.87

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	18.00	3.41	.16	21.57
03-05	15.29	2.46	.37	18.12
06-08	17.50	3.38	.29	21.18
09-11	12.32	3.06	1.14	16.52
12-14	10.62	3.44	1.54	15.60
15-17	12.27	2.97	.46	15.70
18-20	18.08	3.73	.24	22.05
21-23	18.23	4.58	.75	23.56
00-23	15.19	3.36	.63	19.18

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	12.95	3.69	2.32	18.96
03-05	12.87	3.29	1.54	17.69
06-08	12.62	2.82	1.95	17.38
09-11	11.17	2.07	2.07	15.32
12-14	12.52	2.12	1.98	16.62
15-17	10.71	2.17	2.55	15.43
18-20	13.00	4.11	2.35	19.46
21-23	13.74	5.78	1.73	21.25
00-23	12.44	3.23	2.06	17.73

TABLE 12.5. EDWARDS AFB BIVARIATE NORMAL STATISTICS (DECEMBER, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 12/42 - 12/67
MONTH OF RECORD - 12,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	.97	.05	2.97	1.53	2.45	.4290	518
1	.77	-.64	5.04	2.92	7.44	.5054	528
2	-.16	-2.26	7.84	5.27	12.10	.2931	520
3	2.81	-2.84	8.62	7.56	3.25	.0498	496
4	4.92	-3.67	9.28	9.06	3.59	.0427	480
5	7.07	-4.51	10.72	11.00	11.15	.0945	459
6	6.66	-4.80	11.86	12.72	17.06	.1131	448
7	11.07	-5.58	13.21	14.58	32.86	.1707	387
8	12.29	-5.98	14.60	15.79	51.77	.2245	375
9	13.59	-6.76	15.86	17.08	66.72	.2461	373
10	15.06	-7.46	17.09	18.10	64.95	.2747	370
11	17.99	-7.87	17.44	18.55	95.85	.2962	368
12	19.34	-7.56	16.75	18.05	86.21	.2852	366
13	19.62	-6.24	14.62	15.91	60.19	.2588	362
14	18.86	-5.24	12.76	13.00	50.45	.3040	357
15	16.69	-4.16	10.67	10.89	35.17	.3027	345
16	14.03	-3.48	9.25	8.51	24.74	.3143	343
17	11.42	-2.70	8.20	6.79	21.53	.3869	335
18	8.82	-2.90	6.78	5.51	9.21	.2467	319
19	5.93	-2.88	6.07	4.54	5.02	.1621	316
20	3.45	-2.88	6.30	3.96	3.27	.1309	301
21	1.73	-2.86	7.07	4.09	3.14	.1086	286
22	1.07	-3.09	7.52	4.43	-1.17	-.0351	276
23	.93	-3.11	7.64	4.09	2.21	.0707	275
24	1.54	-3.53	8.22	4.34	5.93	.1662	258
25	2.57	-3.33	9.14	4.69	10.69	.2498	253
26	4.27	-2.46	10.48	5.09	16.37	.3161	248
27	6.47	-2.87	11.76	5.70	26.96	.4016	211

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

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TABLE 13.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF ANNUAL

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	40.53	25.66	7.99	1.90	.19	.04	23.50	24096
03-05	39.54	20.64	6.28	1.58	.20	.02	31.74	24099
06-08	32.52	16.96	7.42	2.24	.35	.04	38.46	24099
09-11	27.61	19.31	10.12	4.02	.75	.09	38.21	24099
12-14	28.00	23.68	14.35	7.13	1.72	.32	24.82	24097
15-17	19.88	27.03	21.32	11.59	2.41	.29	17.48	24099
18-20	24.39	35.92	18.16	6.56	.75	.14	14.08	24097
21-23	37.13	32.46	9.86	2.33	.27	.06	17.89	24097
00-23	31.19	25.48	11.94	4.67	.83	.12	25.77	192782

13.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	43.41	21.48	4.79	.61	.12	.02	29.58	24095
03-05	39.64	17.82	3.66	.51	.10	.00	38.26	24099
06-08	36.76	15.55	4.40	.76	.15	.01	42.38	24099
09-11	37.19	14.27	5.04	1.66	.46	.06	41.31	24099
12-14	38.89	16.45	6.97	3.79	1.33	.12	30.46	24097
15-17	34.13	20.85	9.46	5.93	1.82	.16	27.65	24099
18-20	41.43	20.59	8.67	2.56	.44	.07	26.23	24097
21-23	46.91	22.28	5.36	.69	.15	.04	24.56	24097
00-23	39.79	18.91	6.04	2.07	.57	.06	32.55	192782

13.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	42.76	15.92	4.39	.48	.08	.00	36.38	24096
03-05	36.46	12.60	3.37	.43	.06	.00	44.86	24099
06-08	33.85	12.14	4.12	.61	.12	.00	49.15	24099
09-11	33.84	12.17	4.62	1.26	.34	.03	47.74	24099
12-14	37.99	16.14	6.20	2.66	1.02	.08	35.92	24097
15-17	33.98	20.52	8.20	4.49	1.40	.09	31.32	24099
18-20	42.30	18.40	7.79	2.07	.37	.03	29.05	24097
21-23	46.30	17.37	5.02	.47	.11	.01	30.71	24097
00-23	38.69	15.68	5.46	1.56	.44	.03	38.14	192782

13.1C

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TABLE 13.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF ANNUAL

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	19.31	15.41	2.48	24095	30.73	10.41	6.04
03-05	19.05	12.78	2.00	24099	29.28	8.35	4.90
06-08	18.32	10.72	2.01	24099	25.29	7.60	6.07
09-11	17.36	8.31	2.84	24099	21.57	10.46	9.86
12-14	16.60	8.70	5.51	24097	21.38	15.96	14.06
15-17	13.38	8.23	7.85	24099	17.22	19.27	21.43
18-20	14.61	10.54	4.09	24097	21.55	20.63	18.20
21-23	19.23	15.15	2.42	24097	29.43	13.49	9.29
00-23	17.23	11.23	3.65	192782	24.55	13.27	11.23

13.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	33.70	20.34	4.47	24095	10.37	7.82	7.64
03-05	31.54	16.32	3.76	24099	12.37	6.21	6.12
06-08	27.40	14.02	4.62	24099	11.97	4.73	7.19
09-11	20.76	11.37	6.78	24099	14.45	5.76	11.32
12-14	18.96	12.70	10.47	24097	16.55	7.21	15.95
15-17	14.87	14.10	15.50	24099	11.59	6.72	24.23
18-20	16.95	16.99	11.70	24097	10.05	11.31	22.34
21-23	30.76	20.88	5.89	24097	10.08	9.91	11.44
00-23	24.37	15.80	7.90	192782	12.18	7.46	13.28

13.2B

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TABLE 13.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 0 NUMBER OBS. 8030

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.40	3.49	.98	.26	.04	.02	5.16	19.35
5 TO 9	10.46	3.46	.93	.15	.00	.00	1.36	16.35
10- UP	1.32	.75	.29	.06	.00	.00	.17	2.59
TOTAL	21.17	7.70	2.20	.47	.04	.02	6.69	38.29

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.20	12.07	3.79	.11	.02	.01	.75	30.95
5 TO 9	5.43	3.59	.66	1.30	.06	.01	.05	10.97
10- UP	.02	4.50	1.81	.21	.01	.00	.02	6.58
TOTAL	19.65	20.15	6.14	1.62	.09	.02	.82	48.49

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.19	12.58	.21	.11	.01	.00	3.66	33.76
5 TO 9	8.70	5.79	4.37	.40	.31	.02	2.28	21.58
10- UP	2.09	1.32	.44	.11	.06	.00	.82	4.84
TOTAL	27.98	19.69	5.02	.62	.09	.02	6.76	60.19

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.21	.64	.06	.01	.00	.00	5.09	10.01
5 TO 9	6.61	.22	.02	.01	.00	.00	1.36	8.23
10- UP	5.39	1.86	.04	.06	.00	.00	.93	8.28
TOTAL	16.21	2.71	.12	.09	.00	.00	7.38	26.53

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 1 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.72	3.12	.92	.17	.05	.02	4.95	18.97
5 TO 9	9.57	3.29	.85	.17	.01	.00	1.56	15.45
10- UP	1.36	.66	.29	.02	.00	.00	.15	2.48
TOTAL	20.65	7.07	2.05	.37	.06	.02	6.66	36.90

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.43	11.37	3.87	.06	.01	.01	.90	30.65
5 TO 9	5.68	3.25	.52	1.16	.11	.00	.05	10.77
10- UP	.06	4.02	1.57	.31	.02	.00	.01	6.00
TOTAL	20.17	18.64	5.96	1.53	.15	.01	.96	47.42

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.09	12.09	.21	.10	.02	.00	3.82	33.34
5 TO 9	8.40	5.70	4.26	.32	.00	.01	2.02	20.71
10- UP	1.83	1.20	.36	.13	.07	.00	.75	4.31
TOTAL	27.32	18.98	4.83	.52	.10	.01	6.59	58.36

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.83	.67	.04	.02	.00	.00	4.84	10.31
5 TO 9	6.78	.20	.04	.00	.00	.00	1.07	8.09
10- UP	4.82	1.69	.01	.02	.00	.00	.97	7.52
TOTAL	16.43	2.46	.09	.05	.00	.00	6.88	25.92

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TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 2 NUMBER OBS. 8032

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.27	2.86	.98	.19	.04	.00	5.27	19.61
5 TO 9	8.66	2.88	.80	.21	.01	.00	1.66	14.43
10- UP	1.21	.56	.29	.06	.00	.00	.26	2.37
TOTAL	20.36	6.30	2.07	.46	.05	.00	7.17	36.40

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.66	11.25	3.40	.05	.04	.01	1.20	30.60
5 TO 9	4.93	2.84	.61	.98	.11	.00	.01	9.49
10- UP	.07	3.67	1.54	.21	.04	.31	.00	5.55
TOTAL	19.66	17.77	5.55	1.25	.19	.02	1.21	45.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.08	11.58	.19	.07	.07	.00	4.01	34.00
5 TO 9	7.18	5.57	3.67	.31	.00	.01	1.97	18.71
10- UP	1.81	1.18	.25	.12	.07	.00	.82	4.26
TOTAL	27.07	18.33	4.11	.51	.15	.01	6.80	56.97

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.69	.55	.10	.01	.00	.00	5.43	10.78
5 TO 9	5.85	.19	.05	.01	.00	.00	1.08	7.13
10- UP	4.67	1.58	.04	.00	.02	.00	.81	7.12
TOTAL	15.21	2.27	.19	.02	.02	.00	7.32	25.04

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 3 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.23	2.65	.85	.21	.05	.01	4.77	18.77
5 TO 9	8.75	2.80	.75	.11	.00	.00	1.21	13.62
10- UP	.95	.60	.24	.05	.00	.00	.34	2.17
TOTAL	19.93	6.05	1.63	.37	.05	.01	6.31	34.56

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.44	10.26	2.86	.05	.05	.00	1.37	30.03
5 TO 9	4.84	2.73	.59	1.00	.09	.00	.02	9.26
10- UP	.06	3.51	1.39	.26	.04	.01	.01	5.29
TOTAL	20.34	16.49	4.84	1.31	.17	.01	1.41	44.58

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.26	10.92	.17	.10	.02	.08	4.28	32.75
5 TO 9	6.71	5.24	3.22	.24	.02	.00	1.82	17.25
10- UP	1.88	1.03	.46	.21	.04	.00	.72	4.15
TOTAL	25.64	17.19	3.66	.55	.09	.00	6.82	54.15

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.72	.55	.04	.00	.00	.00	6.16	11.47
5 TO 9	5.71	.22	.05	.00	.00	.00	.88	6.87
10- UP	4.10	1.49	.02	.01	.00	.00	1.01	6.64
TOTAL	14.53	2.27	.11	.01	.00	.00	8.05	24.97

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 4 NUMBER OBS. 8033

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	10.61	2.69	.59	.24	.06	.00	4.77	18.95
5 TO 9	7.93	2.69	.73	.17	.00	.00	1.41	12.88
10- UP	1.05	.46	.24	.01	.00	.00	.26	2.02
TOTAL	19.58	5.79	1.56	.42	.06	.08	6.44	33.85

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.88	9.15	2.96	.09	.02	.01	1.44	29.55
5 TO 9	4.23	2.58	.32	.05	.11	.00	.05	8.14
10- UP	.04	3.24	1.46	.17	.04	.00	.00	4.94
TOTAL	20.15	14.96	4.73	1.11	.17	.01	1.49	42.64

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	17.04	9.69	.12	.09	.02	.00	4.21	31.17
5 TO 9	6.35	4.78	3.22	.24	.00	.00	1.87	16.46
10- UP	1.72	.85	.29	.15	.07	.00	.60	3.67
TOTAL	25.11	15.31	3.64	.47	.10	.00	6.67	51.30

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	5.53	.75	.04	.02	.01	.00	6.34	12.69
5 TO 9	5.13	.11	.05	.01	.00	.00	1.07	6.37
10- UP	3.68	1.49	.00	.02	.00	.00	.87	6.07
TOTAL	14.34	2.35	.09	.06	.01	.00	8.28	25.13

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 5 NUMBER OBS. 8033

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	10.42	2.48	.70	.16	.04	.00	5.65	19.44
5 TO 9	7.47	2.35	.66	.09	.02	.08	1.23	11.85
10- UP	1.01	.44	.14	.05	.00	.00	.20	1.83
TOTAL	18.90	5.27	1.52	.30	.06	.00	7.08	33.13

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.90	8.13	2.71	.10	.01	.00	1.41	28.26
5 TO 9	3.87	2.22	.47	.96	.05	.01	.06	7.64
10- UP	.01	3.07	1.18	.17	.01	.00	.00	4.46
TOTAL	19.78	13.42	4.37	1.23	.07	.01	1.47	40.36

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	17.65	8.88	.16	.02	.01	.01	3.95	30.69
5 TO 9	5.60	4.54	2.98	.32	.00	.08	1.59	15.24
10- UP	1.56	.87	.29	.10	.06	.00	.57	3.47
TOTAL	25.03	14.29	3.42	.45	.07	.01	6.11	49.40

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	6.00	.65	.01	.00	.00	.00	6.31	12.97
5 TO 9	4.49	.15	.04	.00	.00	.00	.71	5.39
10- UP	3.69	1.26	.01	.00	.01	.00	.80	5.66
TOTAL	14.08	2.05	.06	.00	.01	.00	7.82	24.03

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TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 6 NUMBER OBS. 8033

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.54	2.27	.73	.15	.07	.02	5.40	19.20	15.01	7.82	2.68	.07	.01	.00	1.71	27.38
5 TO 9	7.07	2.18	.65	.20	.02	.00	1.02	11.14	3.62	2.25	.54	1.02	.07	.00	.05	7.56
10- UP	.90	.44	.25	.01	.00	.00	.19	1.78	.02	3.16	1.26	.26	.00	.01	.00	4.72
TOTAL	18.51	4.68	1.03	.36	.10	.02	6.61	32.12	18.66	13.23	4.47	1.36	.09	.01	1.76	39.57

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	17.19	8.28	.16	.10	.02	.00	3.88	29.69	6.19	.70	.05	.00	.00	.00	6.15	13.08
5 TO 9	5.32	4.18	3.05	.24	.00	.00	1.26	14.08	4.38	.11	.05	.00	.00	.00	.73	5.28
10- UP	1.63	.88	.16	.09	.05	.00	.72	3.73	3.49	1.42	.02	.00	.00	.00	.91	5.84
TOTAL	24.14	13.34	3.59	.45	.07	.00	5.86	47.45	14.05	2.23	.12	.00	.00	.00	7.79	24.20

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 7 NUMBER OBS. 8033

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.76	2.03	.78	.24	.06	.01	5.27	18.15	12.96	7.56	3.35	.07	.07	.01	1.67	25.69
5 TO 9	6.30	2.69	.76	.19	.05	.00	.97	10.95	2.88	2.37	.59	1.36	.14	.00	.06	7.38
10- UP	.68	.78	.37	.11	.00	.00	.17	2.13	.02	3.95	1.68	.21	.06	.00	.01	5.94
TOTAL	16.74	5.50	1.92	.54	.11	.01	6.41	31.23	15.86	13.87	5.61	1.64	.27	.01	1.74	39.01

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	15.82	8.03	.20	.15	.01	.00	3.35	27.56	6.09	.82	.05	.00	.00	.00	5.05	12.01
5 TO 9	5.26	3.45	4.07	.40	.01	.00	1.39	14.58	3.40	.17	.05	.00	.00	.00	.62	4.24
10- UP	1.82	1.10	.40	.22	.10	.08	.95	4.58	4.17	2.23	.00	.01	.00	.00	.78	7.20
TOTAL	22.89	12.57	4.67	.77	.12	.00	5.69	46.72	13.66	3.22	.10	.01	.00	.00	6.46	23.45

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 8 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.34	1.82	.87	.45	.07	.06	6.06	17.43
5 TO 9	5.02	3.00	1.08	.32	.02	.01	.60	10.06
10- UP	.59	.71	.56	.14	.00	.00	.12	2.12
TOTAL	13.94	5.53	2.51	.91	.10	.02	6.78	29.80

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.63	6.75	3.51	.14	.07	.00	1.76	22.87
5 TO 9	3.32	2.29	.64	1.39	.22	.02	.12	7.87
10- UP	.01	4.95	2.10	.39	.07	.01	.00	7.54
TOTAL	13.97	13.99	6.15	1.92	.39	.04	1.88	38.28

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.92	7.33	.20	.15	.02	.00	3.37	25.00
5 TO 9	4.42	3.07	3.80	.61	.02	.00	1.47	13.39
10- UP	2.25	1.17	.56	.21	.19	.02	1.15	5.55
TOTAL	20.59	11.58	4.56	.97	.24	.02	5.99	43.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.62	.61	.07	.04	.00	.00	3.47	10.82
5 TO 9	3.68	.26	.09	.01	.00	.00	.63	4.68
10- UP	4.63	2.83	.00	.02	.01	.00	1.05	8.54
TOTAL	14.94	3.70	.16	.07	.01	.00	5.15	24.04

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 9 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.53	2.07	1.16	.39	.10	.01	6.24	17.52
5 TO 9	4.16	2.53	1.08	.35	.02	.00	.68	8.81
10- UP	.47	.85	.59	.24	.00	.00	.06	2.20
TOTAL	12.15	5.44	2.85	.97	.12	.01	6.98	28.53

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.97	5.55	3.24	.19	.06	.01	1.94	21.76
5 TO 9	3.47	2.83	.61	1.59	.22	.01	.14	8.88
10- UP	.05	4.95	2.56	.72	.07	.05	.02	8.44
TOTAL	14.49	13.33	6.41	2.50	.36	.07	1.90	39.08

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.76	6.01	.25	.11	.06	.00	2.81	22.01
5 TO 9	3.44	2.34	3.66	.68	.02	.01	1.13	11.74
10- UP	2.42	1.48	.55	.25	.22	.04	1.20	6.15
TOTAL	19.06	9.83	4.46	1.05	.31	.05	5.14	39.90

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.04	.87	.07	.10	.00	.00	3.29	12.37
5 TO 9	4.07	.25	.15	.06	.00	.00	.76	5.29
10- UP	5.00	3.07	.06	.01	.02	.00	1.69	9.87
TOTAL	17.12	4.20	.29	.17	.02	.00	5.74	27.54

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 10 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.61	2.25	1.02	.36	.19	.01	5.58	17.02
5 TO 9	3.72	2.19	1.08	.47	.09	.00	.57	8.08
10- UP	.51	.91	.77	.32	.01	.00	.11	2.69
TOTAL	11.84	5.30	2.86	1.16	.29	.01	6.26	27.79

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.01	4.46	2.70	.22	.07	.00	1.79	21.21
5 TO 9	3.71	3.45	.91	1.79	.34	.01	.19	10.34
10- UP	.10	5.43	3.64	.83	.11	.04	.02	10.17
TOTAL	15.82	13.33	7.25	2.85	.52	.05	1.90	41.73

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.32	5.05	.51	.22	.11	.04	2.99	20.44
5 TO 9	3.65	1.66	3.47	.75	.04	.02	.88	10.47
10- UP	2.96	1.63	.59	.40	.20	.02	1.34	6.65
TOTAL	17.63	8.34	4.57	1.37	.35	.09	5.22	37.56

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.03	1.48	.17	.10	.01	.00	3.78	14.58
5 TO 9	4.27	.31	.14	.04	.00	.00	.73	5.49
10- UP	5.66	3.77	.06	.05	.00	.00	2.09	11.64
TOTAL	18.96	5.56	.37	.19	.01	.00	6.61	31.71

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 11 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.87	2.66	1.38	.41	.19	.04	4.99	17.55
5 TO 9	3.86	1.79	1.11	.47	.06	.00	.73	9.03
10- UP	.67	1.36	1.10	.45	.02	.00	.07	3.67
TOTAL	12.40	5.83	3.59	1.33	.27	.04	5.80	29.25

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.44	4.37	2.45	.29	.07	.01	2.09	21.72
5 TO 9	3.77	4.46	1.16	2.12	.55	.04	.07	12.16
10- UP	.10	6.09	3.82	.85	.05	.02	.04	10.97
TOTAL	16.31	14.91	7.43	3.25	.67	.07	2.20	44.85

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.98	4.72	.66	.56	.12	.01	2.78	19.83
5 TO 9	3.75	2.05	3.56	.95	.04	.02	.62	10.99
10- UP	2.93	1.68	.63	.47	.50	.01	1.31	7.53
TOTAL	17.66	8.45	4.85	1.98	.66	.05	4.71	38.35

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.28	1.94	.36	.20	.02	.00	3.60	16.41
5 TO 9	4.73	.44	.11	.02	.00	.00	1.21	6.51
10- UP	6.14	4.05	.10	.01	.01	.00	2.14	12.45
TOTAL	21.15	6.42	.57	.24	.04	.00	6.95	35.37

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 12 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.39	2.86	1.27	.54	.17	.06	4.26	17.55
5 TO 9	4.43	1.76	1.17	.54	.02	.02	.72	8.69
10- UP	.61	1.62	1.41	.54	.05	.00	.12	4.54
TOTAL	13.63	6.26	3.85	1.61	.25	.09	5.10	30.79

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.19	4.53	2.81	.32	.14	.01	1.88	21.88
5 TO 9	3.66	5.22	1.58	2.71	.86	.11	.06	14.20
10- UP	.11	6.06	4.68	1.02	.07	.02	.05	12.03
TOTAL	15.96	15.81	9.08	4.06	1.07	.15	1.99	48.11

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	5.13	.81	.80	.19	.01	2.22	19.41
5 TO 9	4.22	2.09	3.80	1.29	.06	.01	.68	12.16
10- UP	3.15	1.69	.85	.90	.68	.04	1.33	8.84
TOTAL	17.63	9.11	5.45	2.99	.93	.06	4.23	40.41

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.99	2.69	.47	.25	.01	.00	3.59	17.50
5 TO 9	4.98	.46	.11	.02	.00	.00	1.31	6.88
10- UP	6.25	4.69	.14	.00	.02	.00	2.63	13.77
TOTAL	21.76	7.84	.72	.27	.04	.00	7.52	38.16

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 13 NUMBER OBS. 8032

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.62	2.74	1.36	.62	.20	.04	4.22	16.80
5 TO 9	4.22	2.02	1.10	.67	.09	.01	.80	8.90
10- UP	.97	1.88	1.51	.81	.12	.08	.16	5.45
TOTAL	12.81	6.64	3.96	2.10	.41	.05	5.18	31.15

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.44	4.91	3.05	.90	.16	.02	1.62	22.00
5 TO 9	3.85	5.90	1.76	3.04	.98	.24	.06	15.85
10- UP	.06	6.66	5.45	1.36	.14	.05	.02	13.75
TOTAL	15.75	17.47	10.26	4.82	1.28	.31	1.71	51.59

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	5.52	.91	.78	.21	.00	2.12	19.51
5 TO 9	3.72	2.64	4.16	1.68	.07	.02	.60	12.82
10- UP	3.34	2.32	.93	.96	.95	.06	1.63	10.18
TOTAL	17.03	10.37	6.03	3.42	1.23	.09	4.35	42.52

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.74	2.69	.51	.21	.02	.00	3.50	16.67
5 TO 9	5.27	.52	.20	.01	.00	.00	1.33	7.33
10- UP	7.20	5.17	.14	.01	.01	.01	3.32	15.46
TOTAL	22.20	8.38	.85	.24	.04	.01	8.15	39.87

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TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 14 NUMBER OBS. 8032

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.04	2.61	1.58	.62	.34	.05	3.60	15.44
5 TO 9	3.76	1.73	1.34	.86	.05	.01	.75	8.50
10- UP	1.17	2.09	1.96	.97	.12	.08	.19	6.52
TOTAL	11.57	6.44	4.91	2.45	.51	.06	4.53	30.47

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.71	4.49	3.03	.51	.06	.05	1.39	20.24
5 TO 9	3.96	6.37	1.71	4.13	1.44	.12	.89	17.84
10- UP	.17	7.82	6.44	1.71	.14	.11	.01	16.40
TOTAL	14.84	18.70	11.17	6.35	1.64	.29	1.49	54.48

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.59	5.52	.83	.97	.39	.01	1.66	17.97
5 TO 9	3.50	2.12	4.84	1.99	.06	.05	.56	13.12
10- UP	4.16	2.53	1.27	1.17	1.27	.12	1.88	12.39
TOTAL	16.24	10.16	6.95	4.13	1.72	.19	4.10	43.48

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.04	2.50	.59	.24	.04	.00	3.09	15.49
5 TO 9	5.12	.52	.24	.06	.00	.00	1.48	7.42
10- UP	7.66	6.46	.09	.01	.00	.00	4.01	18.23
TOTAL	21.81	9.49	.91	.31	.04	.00	8.58	41.14

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 15 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.34	2.73	1.67	.80	.30	.02	3.22	15.08
5 TO 9	3.05	2.00	1.66	.98	.16	.00	.42	8.28
10- UP	1.26	2.65	2.46	1.05	.06	.00	.21	7.69
TOTAL	10.64	7.38	5.79	2.83	.52	.02	3.86	31.05

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.89	4.32	3.21	.59	.19	.05	1.33	18.57
5 TO 9	3.29	6.30	1.98	4.76	1.59	.11	.04	18.06
10- UP	.14	9.06	7.84	2.09	.11	.12	.04	19.41
TOTAL	12.31	19.68	13.03	7.43	1.89	.29	1.41	56.04

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.14	4.58	1.18	1.13	.47	.06	1.52	17.09
5 TO 9	3.29	2.09	4.90	2.66	.15	.02	.51	13.63
10- UP	4.62	2.93	1.59	1.29	1.33	.11	2.33	14.20
TOTAL	16.05	9.60	7.68	5.09	1.95	.20	4.36	44.93

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.39	2.32	.61	.22	.06	.00	2.43	13.03
5 TO 9	4.67	.68	.19	.02	.00	.00	1.49	7.06
10- UP	8.44	8.24	.15	.00	.01	.00	4.85	21.70
TOTAL	20.50	11.24	.95	.25	.07	.00	8.78	41.79

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 16 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.07	1.98	1.79	.90	.29	.05	2.78	12.85
5 TO 9	2.38	1.59	2.38	1.17	.11	.01	.39	8.33
10- UP	1.07	2.59	2.75	1.20	.07	.00	.21	7.89
TOTAL	8.51	6.46	6.92	3.26	.47	.06	3.37	29.07

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.89	3.52	3.41	.78	.22	.04	1.16	17.03
5 TO 9	2.76	6.39	2.66	5.93	1.77	.17	.07	19.76
10- UP	.11	10.13	8.98	2.10	.15	.07	.01	21.56
TOTAL	10.77	20.04	15.05	8.81	2.14	.29	1.24	58.35

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.72	3.46	1.16	1.29	.26	.02	1.31	14.23
5 TO 9	2.54	1.87	5.91	3.40	.13	.06	.62	14.50
10- UP	5.45	2.99	1.78	1.42	1.56	.07	2.85	16.12
TOTAL	14.71	8.32	8.85	6.11	1.92	.16	4.78	44.85

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.01	2.05	.65	.24	.01	.00	2.58	11.54
5 TO 9	4.23	.50	.17	.02	.00	.01	1.59	6.54
10- UP	8.23	9.55	.09	.02	.02	.00	6.20	24.11
TOTAL	18.47	12.10	.91	.29	.04	.01	10.37	42.19

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 17 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.56	2.02	1.86	1.05	.39	.04	2.30	12.22
5 TO 9	2.03	1.78	2.66	1.46	.04	.00	.11	8.08
10- UP	.67	2.70	3.01	1.21	.05	.00	.11	7.95
TOTAL	7.46	6.50	7.56	3.71	.47	.04	2.53	28.26

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.49	3.39	3.17	.76	.15	.05	1.03	16.05
5 TO 9	2.75	6.57	2.68	6.40	1.48	.09	.02	19.99
10- UP	.07	11.34	10.11	1.63	.11	.04	.01	23.32
TOTAL	10.32	21.30	15.96	8.79	1.74	.17	1.07	59.36

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.70	3.42	1.51	1.13	.22	.01	1.29	13.30
5 TO 9	2.50	1.62	6.09	3.45	.07	.04	.40	14.17
10- UP	5.58	3.24	1.79	1.21	1.16	.05	3.15	16.17
TOTAL	13.78	8.28	9.39	5.79	1.46	.10	4.84	43.63

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.50	1.81	.46	.22	.01	.01	2.19	10.20
5 TO 9	3.95	.54	.10	.02	.00	.00	1.97	6.57
10- UP	9.41	10.68	.05	.02	.00	.00	6.71	26.88
TOTAL	18.86	13.02	.60	.27	.01	.01	10.87	43.64

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 18 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.64	2.54	2.28	1.03	.21	.07	1.73	12.49
5 TO 9	1.62	2.43	3.39	1.24	.05	.01	.12	9.01
10- UP	.63	2.27	2.10	.66	.02	.00	.16	6.04
TOTAL	7.29	7.23	7.69	2.94	.29	.09	2.00	27.49

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.16	4.05	3.40	.68	.11	.02	.72	18.14
5 TO 9	4.07	8.24	2.98	5.76	.73	.04	.07	21.90
10- UP	.04	12.67	8.10	1.03	.07	.04	.02	21.98
TOTAL	13.26	24.96	14.48	7.48	.92	.10	.82	62.02

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.12	3.95	1.22	.71	.10	.02	1.42	13.54
5 TO 9	2.04	2.33	6.56	2.84	.01	.02	.59	14.99
10- UP	5.08	3.24	1.53	.83	.59	.05	2.85	14.76
TOTAL	14.44	9.51	9.31	4.38	.73	.10	4.85	43.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.74	1.95	.19	.19	.01	.01	3.07	10.17
5 TO 9	5.88	.30	.09	.02	.00	.00	2.91	9.20
10- UP	10.33	9.47	.06	.01	.00	.00	6.59	26.47
TOTAL	20.95	11.73	.34	.22	.01	.01	12.57	45.84

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 19 NUMBER OBS. 8032

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.68	3.81	2.98	.68	.17	.05	1.86	14.23
5 TO 9	2.48	3.85	2.99	.45	.04	.00	.35	10.15
10- UP	.65	1.59	1.13	.19	.03	.00	.12	3.69
TOTAL	7.81	9.25	7.10	1.32	.21	.05	2.33	28.06

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.53	5.96	4.83	.37	.09	.04	.59	22.41
5 TO 9	5.69	9.97	2.12	3.99	.26	.02	.05	21.60
10- UP	.02	12.40	4.84	.70	.05	.00	.00	18.02
TOTAL	16.25	28.34	11.79	4.56	.40	.06	.63	62.03

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.42	6.27	1.03	.31	.04	.02	1.07	16.17
5 TO 9	4.03	3.26	7.00	1.31	.05	.01	1.18	16.85
10- UP	5.10	2.43	.90	.44	.24	.02	2.54	11.67
TOTAL	16.56	11.96	8.93	2.05	.32	.04	4.79	44.68

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.94	1.53	.21	.02	.01	.00	3.42	10.15
5 TO 9	8.67	.29	.10	.00	.00	.00	3.17	12.23
10- UP	12.38	6.09	.02	.01	.00	.00	4.22	22.72
TOTAL	25.98	7.91	.34	.04	.01	.00	10.82	45.09

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TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 20 NUMBER OBS. 8032

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.60	5.27	2.07	.50	.10	.01	2.63	17.17	10.07	8.02	4.61	.19	.06	.07	1.07	24.09
5 TO 9	4.06	5.40	2.10	.29	.02	.00	.57	12.45	7.36	7.61	1.28	1.92	.17	.08	.85	18.39
10- UP	.68	1.03	.40	.09	.00	.00	.16	2.55	.04	10.97	3.08	.41	.07	.02	.00	14.59
TOTAL	11.54	11.70	4.57	.87	.12	.01	3.35	32.17	17.47	26.59	8.96	2.51	.31	.18	1.12	57.07

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.64	8.70	.67	.16	.04	.01	1.71	21.13	5.09	1.17	.11	.01	.00	.00	3.44	9.82
5 TO 9	6.36	4.41	5.69	.56	.01	.01	2.09	19.14	9.66	.27	.01	.01	.00	.00	2.54	12.50
10- UP	4.03	1.63	.60	.22	.22	.02	1.73	8.67	11.37	4.28	.02	.01	.00	.00	2.15	17.84
TOTAL	20.23	14.94	6.96	.95	.27	.05	5.53	48.93	26.12	5.73	.16	.04	.00	.00	8.13	40.16

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 21 NUMBER OBS. 8032

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.67	5.43	1.68	.31	.05	.01	3.65	18.80	11.77	10.72	4.23	.11	.04	.02	1.03	27.93
5 TO 9	6.16	5.18	1.28	.20	.02	.00	1.15	13.99	7.47	5.81	.87	1.47	.11	.01	.09	15.84
10- UP	1.01	.66	.36	.10	.00	.00	.15	2.30	.01	7.91	2.39	.41	.02	.02	.02	10.79
TOTAL	14.84	11.29	3.32	.61	.07	.01	4.94	35.10	19.25	24.44	7.60	1.99	.17	.06	1.15	54.56

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.01	11.48	.32	.17	.02	.01	2.18	27.20	5.13	1.13	.14	.01	.00	.00	3.95	10.36
5 TO 9	8.17	4.69	4.96	.35	.03	.00	2.47	20.58	9.36	.30	.05	.01	.00	.00	1.98	11.70
10- UP	2.91	1.52	.32	.16	.11	.02	1.37	6.42	9.15	2.85	.01	.01	.00	.00	1.28	13.31
TOTAL	24.09	17.69	5.60	.68	.14	.04	6.01	54.21	23.64	4.28	.20	.04	.00	.00	7.21	35.37

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TABLE 13.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 22 NUMBER OBS. 8032

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.56	4.77	1.43	.22	.10	.01	4.66	19.75
5 TO 9	7.96	4.35	1.83	.20	.00	.01	1.32	14.87
10- UP	1.26	.67	.31	.06	.00	.00	.16	2.47
TOTAL	17.77	9.79	2.76	.49	.10	.02	6.14	37.08

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.17	11.40	4.06	.11	.06	.00	.85	29.66
5 TO 9	6.39	4.59	.90	1.38	.10	.02	.06	13.40
10- UP	.04	6.30	2.32	.46	.02	.01	.02	9.18
TOTAL	19.60	22.25	7.27	1.95	.19	.04	.93	52.23

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.21	12.09	.15	.12	.05	.02	3.11	31.76
5 TO 9	8.37	4.96	4.74	.36	.00	.00	2.27	20.69
10- UP	2.66	1.39	.51	.21	.10	.01	1.15	6.04
TOTAL	27.24	18.44	5.40	.70	.15	.04	6.52	58.49

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.51	1.01	.04	.04	.00	.00	4.36	9.95
5 TO 9	7.63	.16	.02	.01	.00	.00	1.37	9.40
10- UP	7.66	2.34	.06	.02	.00	.00	1.17	11.45
TOTAL	20.19	3.51	.12	.07	.00	.00	6.90	30.80

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EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 23 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.05	3.86	1.17	.22	.14	.01	4.69	19.15
5 TO 9	9.97	4.06	.50	.16	.01	.00	1.59	16.59
10- UP	1.29	.63	.29	.05	.00	.00	.22	2.49
TOTAL	20.32	8.55	2.25	.44	.15	.01	6.51	38.23

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.68	12.39	3.76	.09	.01	.01	.77	30.71
5 TO 9	6.00	3.35	.57	1.10	.10	.01	.10	11.23
10- UP	.02	5.33	2.18	.34	.01	.01	.01	7.90
TOTAL	19.71	21.06	6.61	1.52	.12	.04	.88	49.84

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.67	12.86	.19	.14	.02	.00	3.45	33.33
5 TO 9	9.00	5.80	4.00	.24	.00	.02	2.30	21.36
10- UP	2.18	1.27	.42	.15	.11	.02	1.06	5.22
TOTAL	27.85	19.93	4.61	.52	.14	.05	6.81	59.90

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.38	.70	.05	.05	.01	.00	4.73	9.92
5 TO 9	7.16	.21	.01	.00	.00	.00	1.26	8.64
10- UP	6.17	2.14	.07	.01	.01	.00	1.13	9.55
TOTAL	17.71	3.05	.14	.06	.02	.00	7.12	28.11

TABLE 13.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF ANNUAL

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	20.55	9.99	10.56	15.90	28.43
03-05	20.92	9.92	11.00	14.99	32.50
06-08	21.82	10.35	11.47	15.01	36.93
09-11	21.25	10.53	10.72	14.73	37.62
12-14	22.04	11.62	11.22	16.76	36.49
15-17	17.69	8.56	9.31	12.15	31.66
18-20	15.19	8.25	6.94	11.65	23.77
21-23	18.66	10.34	8.32	16.35	22.65
00-23	19.89	9.95	9.94	14.65	30.99

*** RUNWAY 35 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	21.79	10.18	11.61	19.29	24.58
03-05	22.73	10.48	12.25	18.24	28.78
06-08	22.40	10.85	11.54	17.79	29.60
09-11	21.37	11.78	9.60	20.27	22.90
12-14	23.06	13.14	9.92	27.06	19.28
15-17	18.05	9.84	8.22	23.41	14.17
18-20	17.30	8.27	9.03	20.88	14.96
21-23	19.58	8.59	10.99	17.98	21.04
00-23	20.79	10.39	10.40	20.41	21.17

13.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	22.73	10.88	11.82	26.21	20.21
03-05	24.10	10.79	13.31	22.30	25.79
06-08	24.65	11.42	13.23	21.17	28.73
09-11	24.27	11.20	13.07	18.23	33.86
12-14	25.95	13.83	12.12	23.89	28.78
15-17	22.09	11.07	11.02	19.92	24.80
18-20	19.76	10.76	9.00	19.78	19.74
21-23	23.89	13.78	10.12	32.41	17.59
00-23	23.43	11.71	11.71	22.55	24.37

*** RUNWAY 4 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	19.87	9.40	10.46	12.68	40.47
03-05	20.38	10.02	10.36	13.31	41.85
06-08	21.03	10.51	10.51	13.82	43.97
09-11	23.15	13.46	9.69	19.67	30.71
12-14	26.26	14.10	12.17	23.40	30.61
15-17	22.50	11.67	10.83	20.33	26.43
18-20	19.91	9.37	10.53	16.66	24.08
21-23	21.85	8.91	12.94	13.01	41.12
00-23	21.87	10.93	10.94	16.30	33.19

TABLE 13.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF ANNUAL

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	7.24	6.47	2.16	15.90
03-05	8.29	5.09	1.61	14.99
06-08	9.47	4.36	1.19	15.01
09-11	9.61	3.87	1.26	14.73
12-14	9.72	4.75	2.31	16.76
15-17	6.69	2.94	2.52	12.15
18-20	6.50	3.38	1.78	11.65
21-23	7.43	6.75	2.16	16.35
00-23	8.14	4.64	1.87	14.65

*** RUNWAY 35 ***

GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
14.77	3.72	.80	19.29
14.94	2.88	.61	18.24
14.28	2.81	.69	17.79
15.02	4.08	1.18	20.27
16.37	8.33	2.36	27.06
11.75	8.03	3.63	23.41
12.96	6.20	1.72	20.88
14.09	3.25	.64	17.98
14.38	4.69	1.35	20.41

13.48

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	17.13	8.37	.71	26.21
03-05	16.27	5.56	.47	22.30
06-08	16.08	4.52	.52	21.17
09-11	12.39	4.88	.96	18.23
12-14	14.27	7.46	2.15	23.89
15-17	10.74	6.10	3.07	19.92
18-20	11.72	7.07	.99	19.78
21-23	20.03	11.70	.68	32.41
00-23	14.53	6.78	1.24	22.55

*** RUNWAY 4 ***

GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
5.69	4.21	2.78	12.68
7.34	3.78	2.20	13.31
7.79	2.81	3.22	13.82
11.76	3.52	4.39	19.67
12.39	4.25	6.76	23.40
7.51	3.27	9.55	20.33
6.06	3.97	6.63	16.66
5.40	4.07	3.54	13.01
7.94	3.72	4.64	16.30

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APPROVAL

GROUND WINDS AND WINDS ALOFT FOR EDWARDS AFB, CALIFORNIA

By D. L. Johnson and S. C. Brown

The information in this report has been reviewed for security classification. Review of any information concerning Department of Defense or Atomic Energy Commission programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.

This document has also been reviewed and approved for technical accuracy.

WILLIAM W. VAUGHAN
Chief, Atmospheric Sciences Division

CHARLES A. LUNDQUIST
Director, Space Sciences Laboratory

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